



TU16
Engineering Drawings
Digital Equipment Corporation

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SEQUENCE

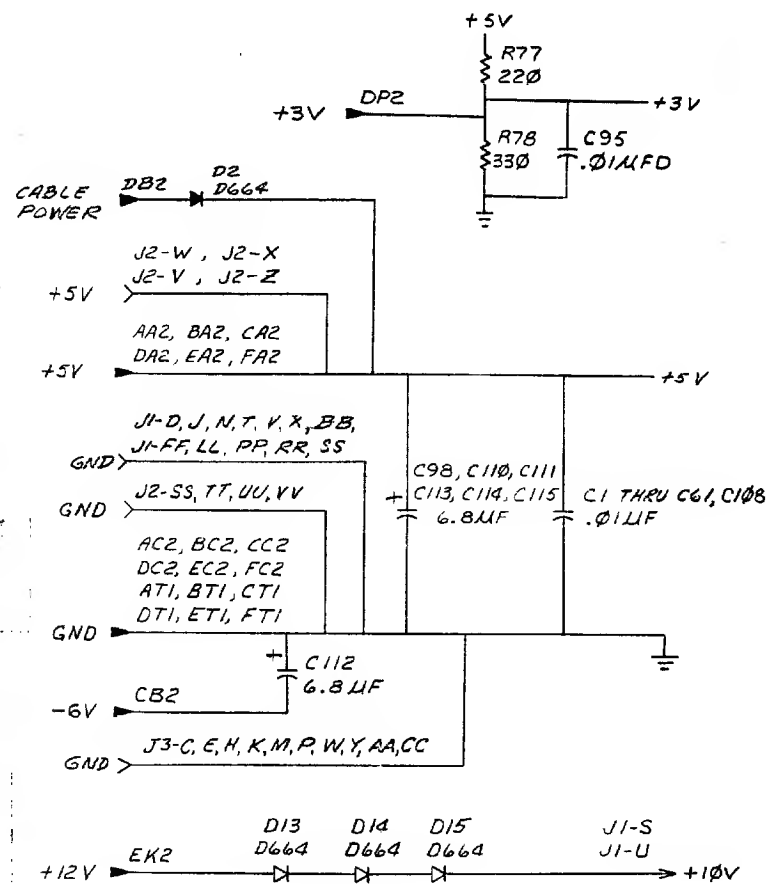
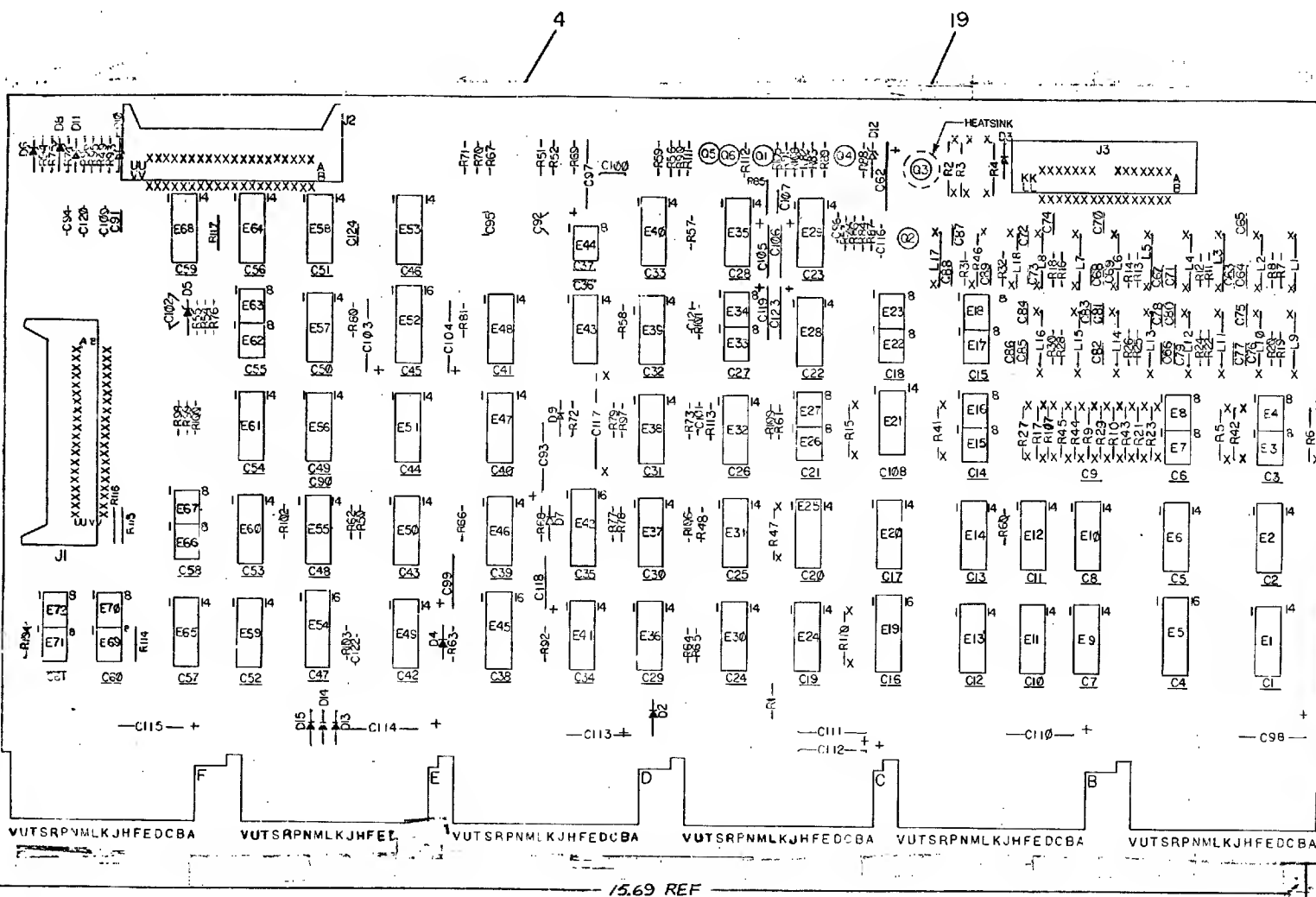
SHEET 1 ONLY

B-DD-TU16-Ø
D-CS-M891Ø-Ø-1
D-CS-M8911-Ø-1
D-CS-M8912-Ø-1
D-CS-H6Ø6-Ø-1
D-CS-GØ56-Ø-1
D-CS-5410451-0-1
D-CS-M9ØØ1-YA-1
D-CS-M9ØØ1-YB-1
D-CS-M9ØØ1-YC-1
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D-CS-M8913-YA-1
D-CS-M9ØØ1-Ø-1
D-CS-7009637-0-1
E-AD-7009635-0-0
D-CS-GØ66-0-1
K-WL-TU16-Ø-WL
D-MU-TU16-Ø-MU
D-BS-TU16-Ø-2
E-AD-7009634-0-0
D-UA-TU16-0-0

[illegible][illegible]

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NOTES:



8640	1	8
75452	4	8
74123	8	16
8266	8	16
7473	11	4
384	1	8
IC TYPE	GND	+5V

GND AND 5V ARE USUALLY PIN 7 AND 14
RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE

IC PIN LOCATIONS

[illegible]

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QTY	REF DESIGNATION	DESCRIPTION	PART NO	ITEM NO
REF		X-Y COORDINATE HOLE LOCATION	K-C0-M8910-0-4	1
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-M8910-0-5	2
REF		MODULE ECO HISTORY	B-MH-M8910-0-6	3
1		ETCHED CIRCUIT BOARD	5010470	4
1	C96	CAP 220PF 100V 5% DM	1000021	5
1	C122	CAP 330PF 100V 5% DM	1000023	6
1	C121	CAP 1000PF 250V 20% DISC	1000043	7
6	C99, C105, C106, C123, C119, C118	CAP 3.9UF 10% 10V TANT	1000064	8
3	C97, C93, C104	CAP 39UF 10% 10V TANT	1000076	9
67	C1-C61, C65-C68, C63, C70, C72, C74, C75, C77, C78, C80, C81, C83, C84, C86, C87, C89, C91, C94, C95, C101, C102, C103, C109, C120	CAP .01UF, 100V DISC	1001610-01	10
1	C103	CAP 15UF 20V 10% TANT	10009812	11
2	C100, C124	CAP .05UF, 25V, 20% DISC	1001774	12
1	C62	CAP 22UF, 35V, 20% TANT	1002433	13
1	C117	CAP 330UF 20% TANT	1009808	14
7	C98, C110 THRU C115	CAP 6.8UF 10% 35V TANT	1005306	15
11	C64, C69, C71, C73, C76, C79, C82, C85, C88, C107, C116	CAP 5000PF 100V 20% DISC	1001765	16
1	C90	CAP 470PF 100V 5% DM	1000024	17
1	C92	CAP 100PF 100V 5% DM	1000016	18
1		HEAT SINK	1210001	19
7	D1, D2, D3, D4, D13, D14, D15	DIODE D664	1100114	20
1	D12	DIODE 1N748A 3.9V	1100122	21
1	D3	DIODE D670-1	1102162	22
5	D5, D6, D8, D10, D11	DIODE 1N746A 3.3V	1104860	23
2	J1, J2	CONN 40 PIN RT. ANGLE HDR	1209941	24
1	J3	CONN 28 PIN	1210067-2	25
1	R4	RES 220 OHM 1/2W 5%	1300274	26
4	R66, R77, R101 & R112	RES 220 OHM 1/4W 5%	1300271	27
1	R78	RES 330 OHM 1/4W 5%	1300295	28
10	R3, R5, R9, R15, R21, R27, R41, R42, R44 & R46	RES 470 OHM 1/2W 5%	1300315	29
34	R48-R50, R54-R61, R70, R71, R74-R76, R79, R89, R90, R93-R100, R102, R104, R106, R109, R111, R113, R117	RES 1K 1/4W 5%	1300365	30
2	R86, R108	RES 1.3K 1/4W 5%	1300398	31
2	R64, R67	RES 3.9K 1/4W 5%	1300444	32
2	R52, R53	RES 4.7K 1/4W 5%	1300447	33
2	R63, R68	RES 10K 1/4W 5%	1300479	34
2	R69, R92	RES 12K 1/4W 5%	1300488	35
3	R73, R82, R84	RES 1.2K 1/4W 5%	1301320	36
2	R83, R85	RES .6.8K 1/4W 5%	1301423	37
1	R51,	RES 680 OHM 1/4 5%	1301424	38
1	R72	RES 47K 1/4W 5%	1302177	39
18	R7, R8, R11 THRU R14, R16, R18, R19, R20, R22, R24, R25, R26, R28, R30, R31, R32	RES 39 OHM 1/4W 5%	1302377	40
2	R87, R105	RES 27K 1/4W 5%	1305346	41
4	R62, R103, R88, R91	RES 100 OHM 1/4W 5%	1300229	42
1	R2	RES 750 OHM 1/2W 5%	1300354	43
1	R80	RES 20K 1/4W 5%	1302391	44
1	R110	RES 47 OHM 1/2W 5%	1301695	45

QTY	REF DESIGNATION	DESCRIPTION	PART NO	ITEM NO
2	Q1, Q2	TRANSISTOR 3639B	1502762	46
3	Q4, Q5, Q6	TRANSISTOR 6531B	1509338	47
1	Q3	TRANSISTOR 3762	1509649	48
18	L1 THRU L18	INDUCTOR, FIXED, 10UH, 10%	1609477	49
7	E11, E51, E53, E59, E60, E65, E47	I.C. 7474	1905547	50
4	E28, E41, E58, E68	I.C. 7400	1905575	51
1	E55	I.C. 7410	1905576	52
1	E64	I.C. 7420	1905577	53
1	E44	I.C. 75452	1910645-00	54
5	E2, E6, E20, E21, E25	I.C. 7473	1905587	55
1	E61	I.C. 7401	1905590	56
2	E43, E57	I.C. 7402	1909004	57
1	E29	I.C. 384	1909486	58
3	E31, E35, E40	I.C. 7404	1909686	59
1	E39	I.C. 8242	1909712	60
2	E37, E38	I.C. 7405	1909930	61
3	E5, E19, E54	I.C. 8266	1909934	62
3	E1, E10, E24	I.C. 7486	1910011	63
1	E12	I.C. 74164	1910041	64
3	E46, E49, E32	I.C. 7408	1910155	65
3	E42, E45, E52	I.C. 74123	1910436	66
11	(E3, E4, E7, E8, E15, E16, E17, E18, E22, E23, E26, E27, E33, E34, E62, E63, E66, E67, E69, E70, E71, E72)	I.C. 75452	1910645-01	67
1	E50	I.C. 7427	1910878	68
6	E9, E14, E30, E36, E48, E56	I.C. 8640	1911469	69
1	E13	I.C. 7450	1905580	70
1		HANDLE ASSY	1210711-02	71
12		EYELET	9006732	72
1/2		WIRE, SOLID, INSULATED	9105740-55	73
1/2		WIRE, SOLID, INSULATED	9107688-55	74
3	R114, R115 & R116	RES. 300 OHM, 1/4W, 5%	1301425	75
1	R65	RES. 68 OHM, 1/4W, 5%	1300219	76
9	R6, R10, R17, R23, R29, R43, R45, R47 & R107	RES 390 OHM, 1/2W, 5%	1300308	77
1	R81	RES 22K 1/4W 5%	1301803	78

SEE NOTE 1

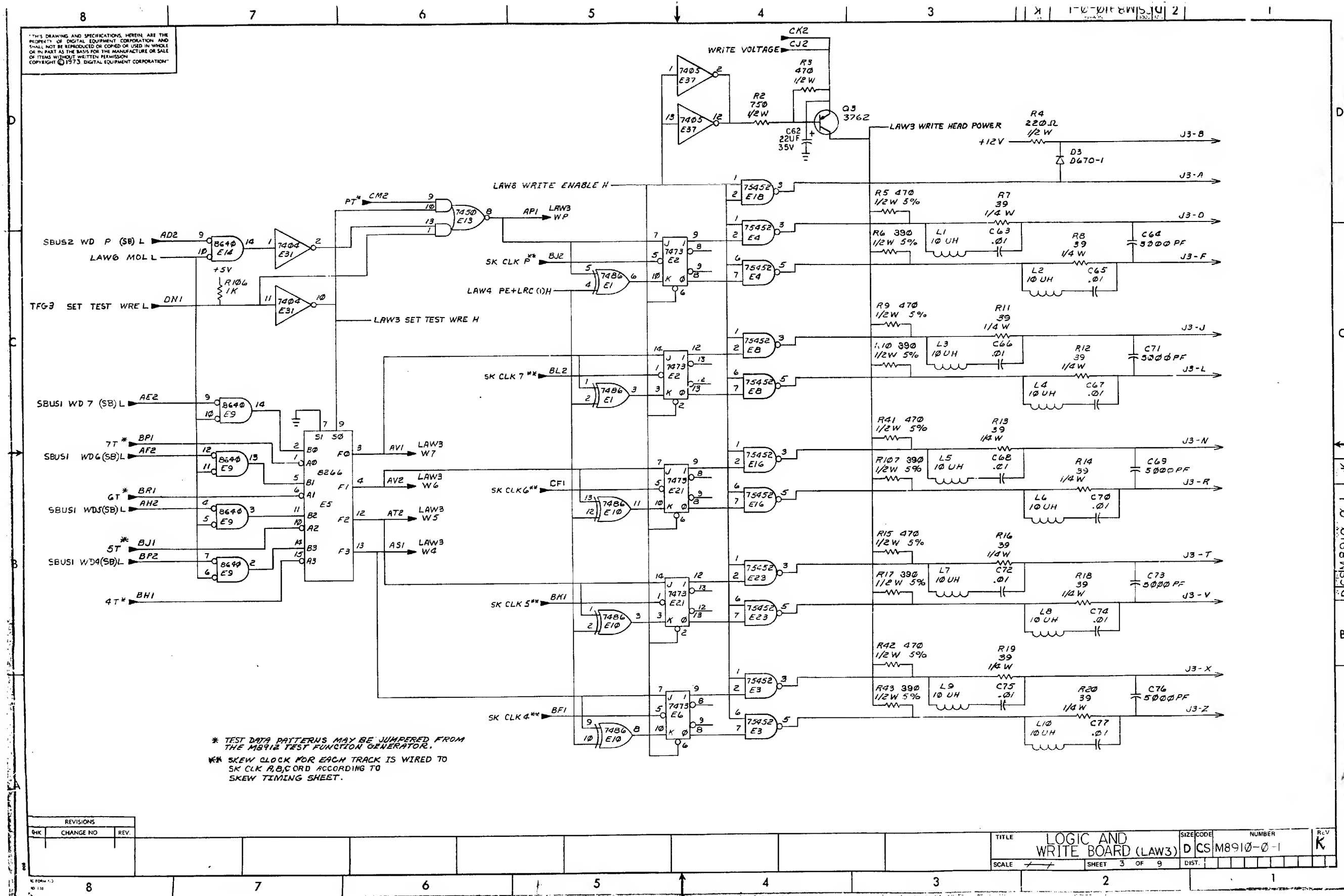
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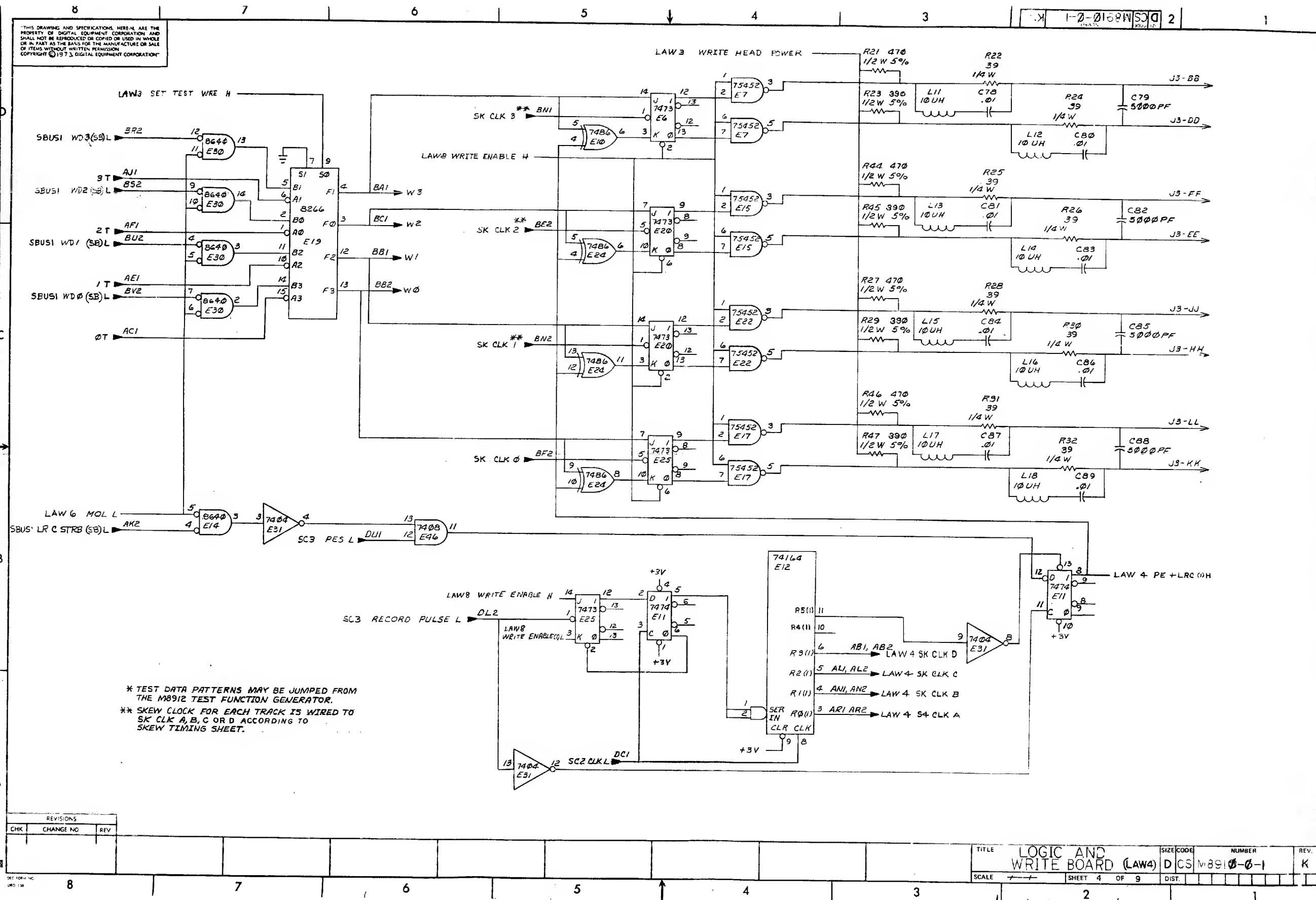
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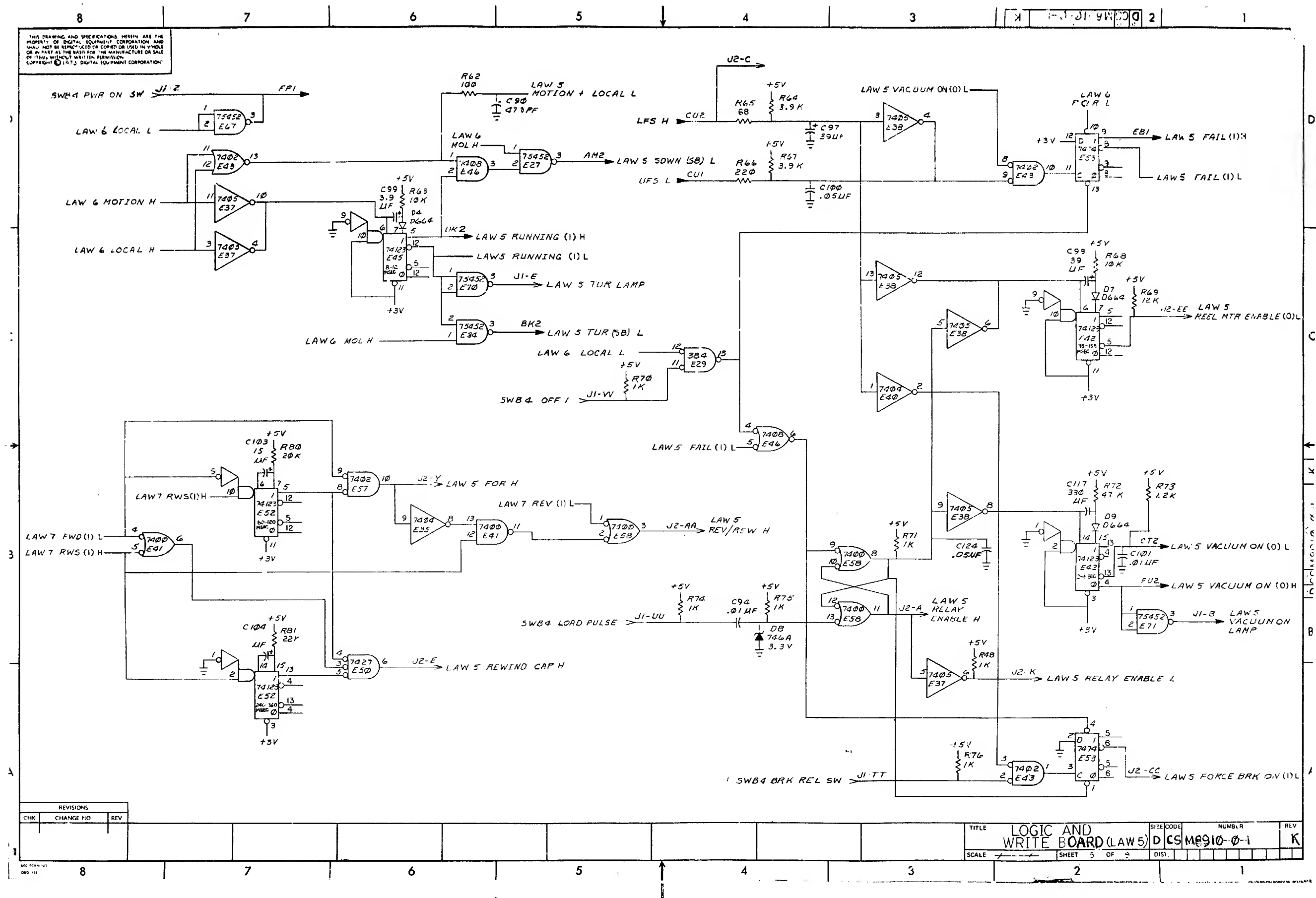
REVISIONS

REV	CHANGE NO	REV
1		

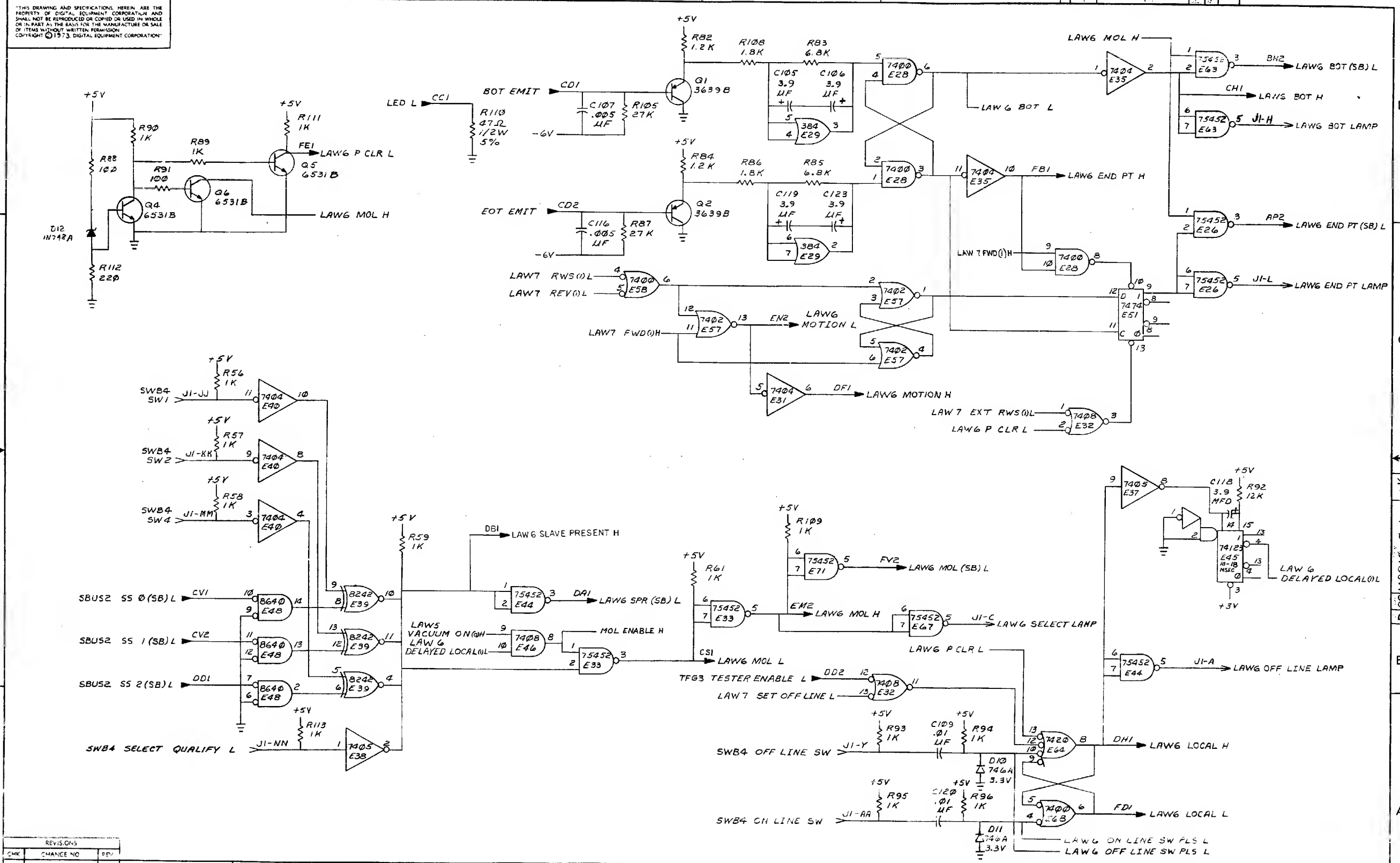
TITLE	LOGIC AND WRITE BOARD (LAW2)	SIZE/CODE	D CS	NUMBER	M8910-0-1	REV	K
SCALE	1" = 1"	SHEET	2	OF	3	DIST.	

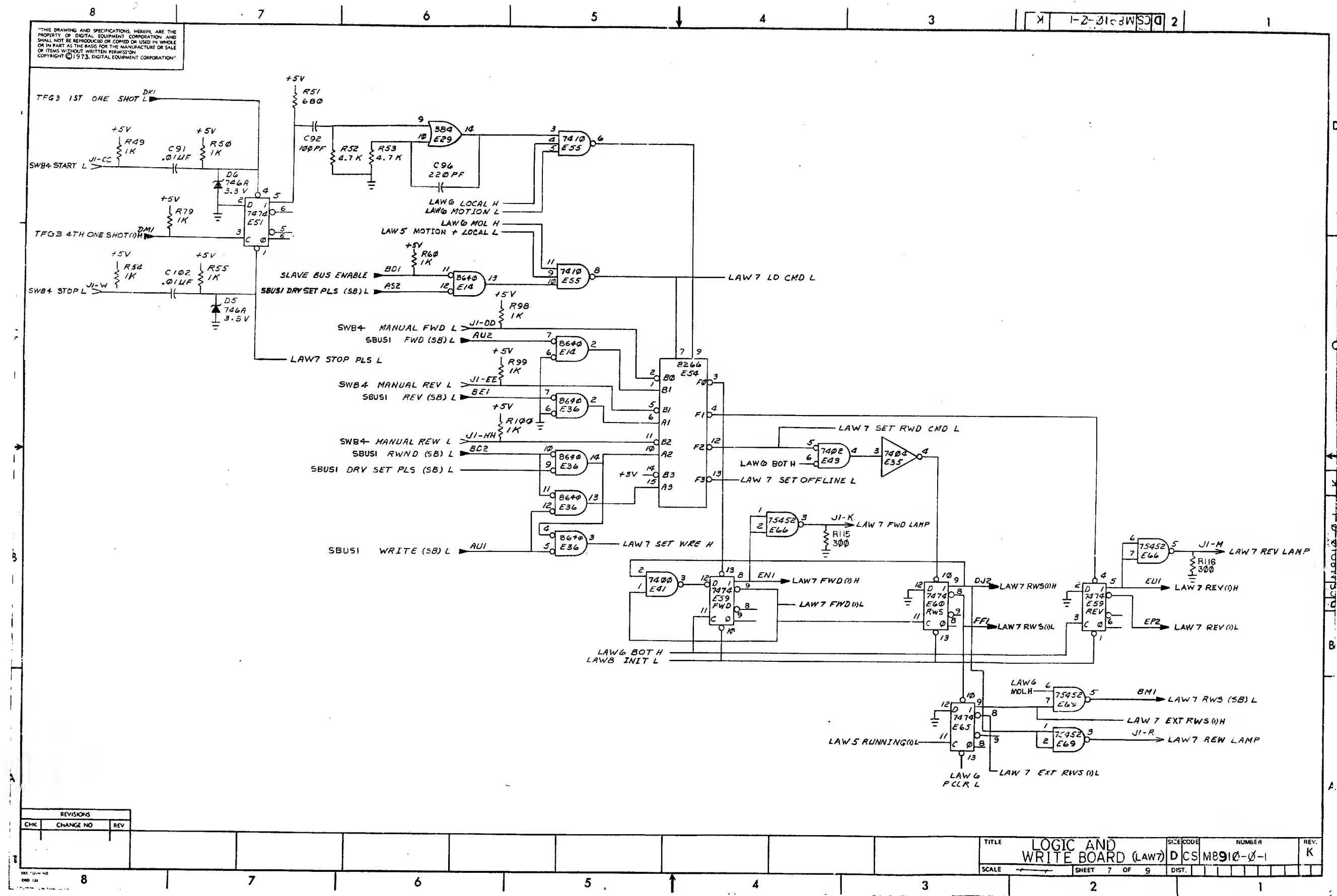




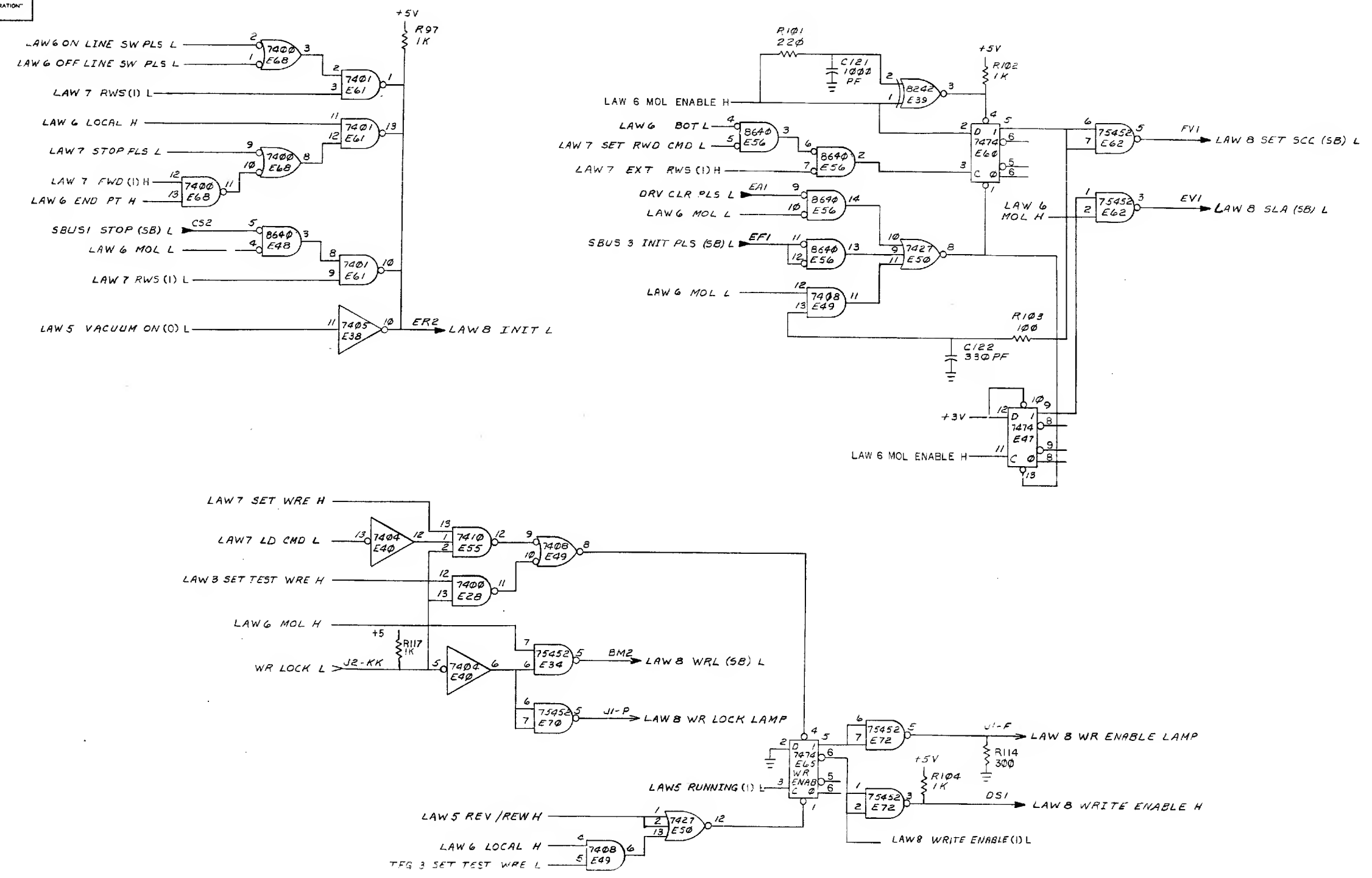


REVISIONS		
CHK	CHANGE NO	REV





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SWITCH BOX CONNECTOR

J1

LAW6 OFF LINE LAMP
LAW5 VACUUM ON LAMP
LAW6 SELECT LAMP
LAW5 TUR LAMP
LAW5 WR ENABLE LAMP
LAW6 BOT LAMP
LAW7 FWD LAMP
LAW6 END PT LAMP
LAW7 REV LAMP
LAW5 WR LOCK LAMP
LAW7 REW LAMP
+10V
SWB4 STOP L
SWB4 OFF LINE SW
SWB4 PWR ON SW
SWB4 ON LINE SW
SWB4 START L
SWB4 MANUAL FWD L
SWB4 MANUAL REV L
SWB4 MANUAL REW L
SWB4 SW1
SWB4 SW2
SWB4 SW4
SWB4 SELECT QUALIFY L
SWB4 BRK REL SW
SWB4 LOAD PULSE
SWB4 OFF L

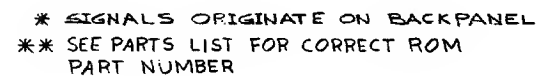
1-0-0168W DCS 2

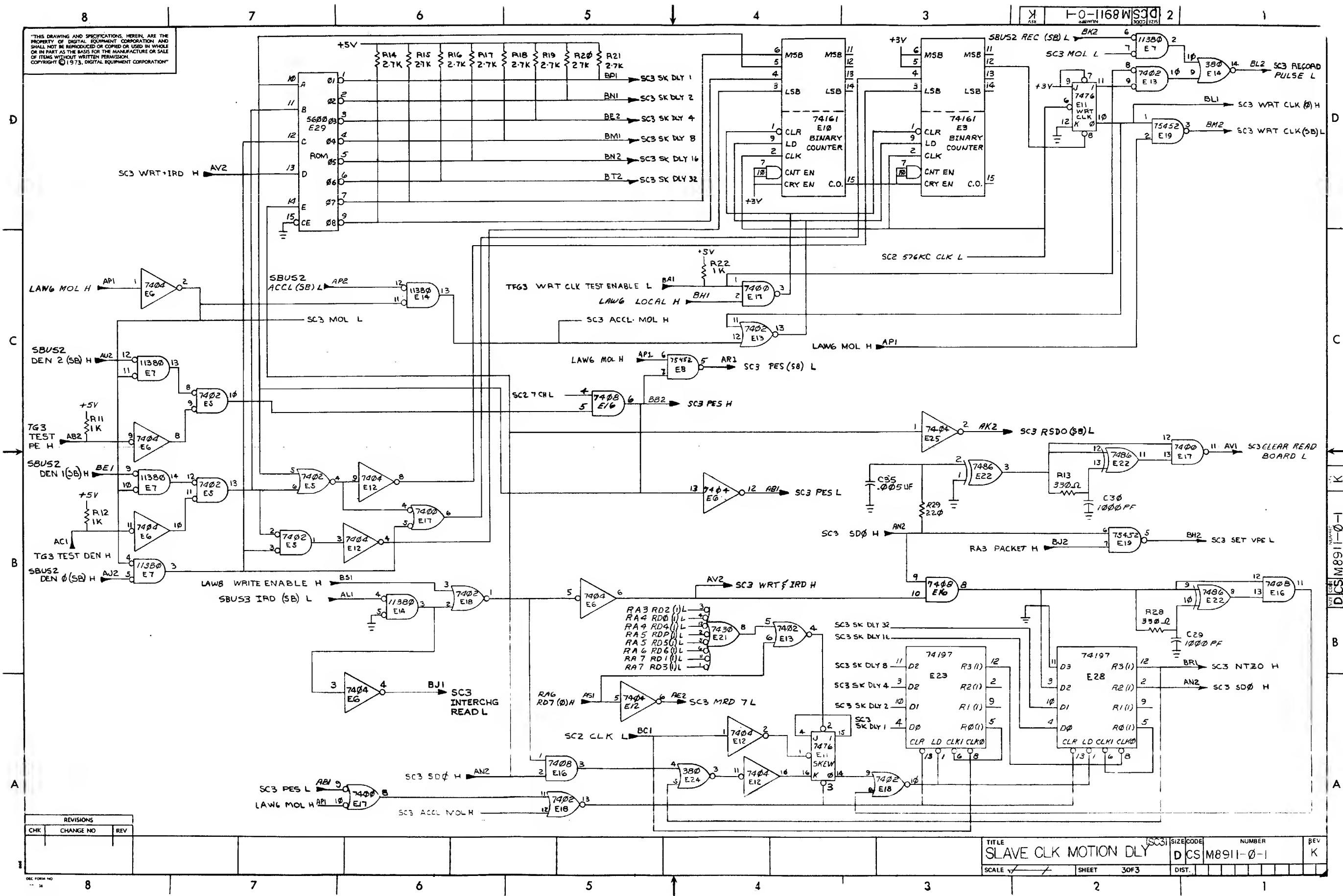
J2

LAW5 RELAY ENABLE H
LFS H
LAW5 REWIND CAP H
LAW5 RELAY ENABLE L
+5V
LAW5 FOR H
LAW5 REV/REW H
LAW5 FORCE BRK ON (I) L
LAW5 REEL MTR ENABLE (O) L
WR LOCK L

REVISIONS		
CHK	CHANGE NO	REV

TITLE	LOGIC AND WRITE BOARD (LAW9)	SIZE CODE	DCS	NUMBER	.M8910-0-1	REV.	K
SCALE	+	SHEET	9	OF	9	DIST	





REVISIONS			TITLE		SIZE CODE		NUMBER		REV	
CHK	CHANGE NO	REV	SLAVE CLK MOTION DLY		D CS		M8911-0-1		K	
			SCALE		SHEET		30F3		DST.	

8 7 6 5 4 3

Q 1-0-2168W SCD 2

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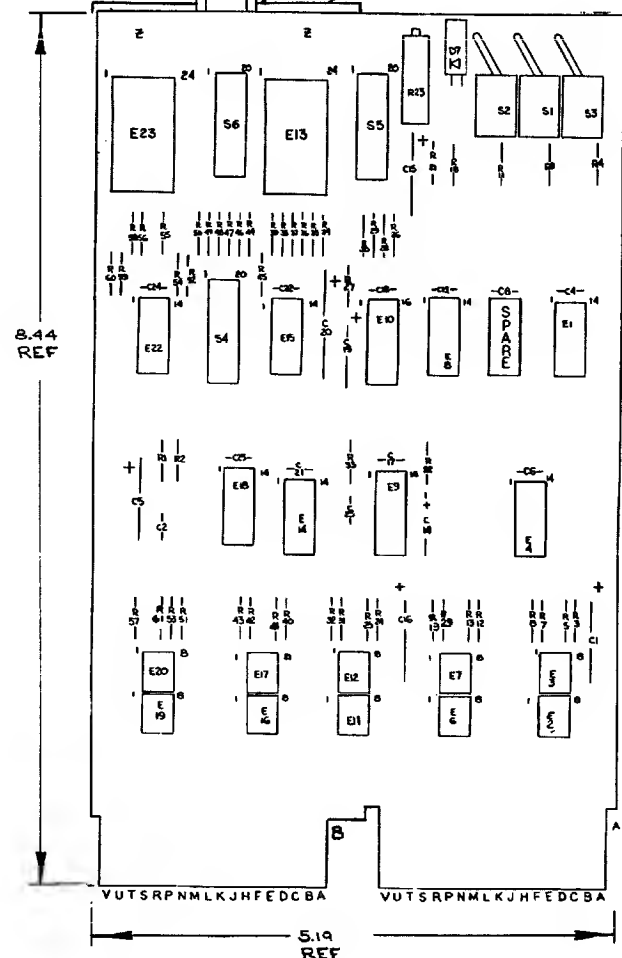
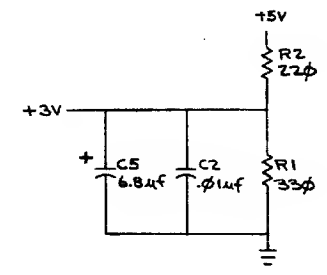
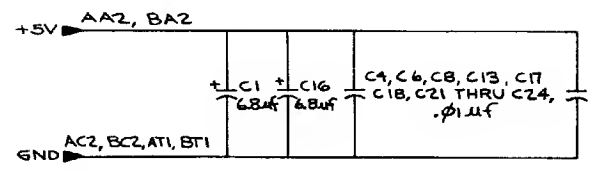
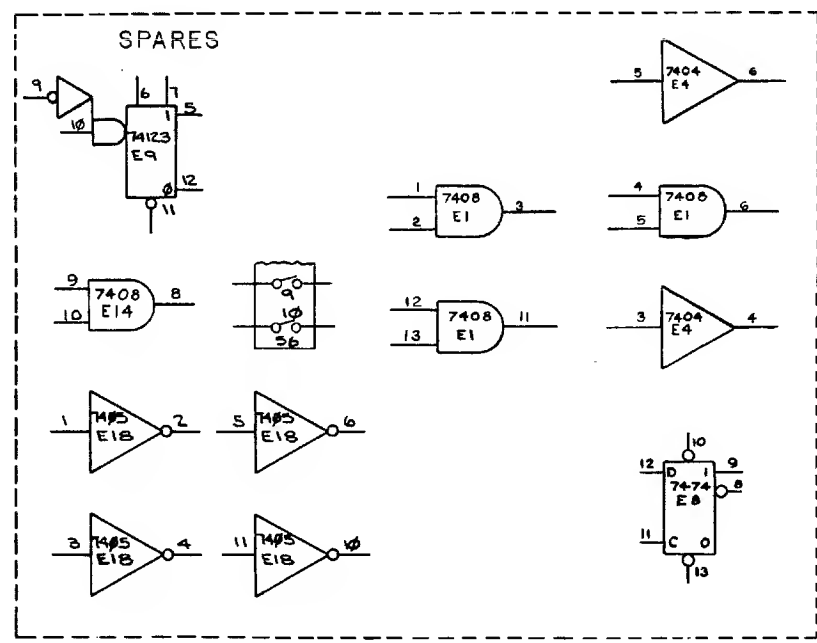
NOTES:

DASH VAR	DESCRIPTION
-01	TWO PARTS IN ONE 16 PIN CARRIER

34

2

1



* NOTE

REF	DESCRIPTION	PART NO.	QTY
REF	X-Y COORDINATE HOLE LOCATION	K-00-M8912-0-4	1
REF	ASSY/DRILLING HOLE LAYOUT	D-AH-M8912-0-5	1
REF	MODULE ECO HISTORY	B-MH-M8912-0-6	1
1	ETCHED CIRCUIT BOARD	5010674	1
1	HANDLE, FLIP-CHIP, MAGENTA	9008337-06	2
1	C25	CAP 470 PF 100V 5% D.M.	1000024
2	C4, C19	CAP 3.9uF 100V 10% TANT	1000064
11	C2, C4, C17, C18, C21-24, C6, C8, C13	CAP .01uF 100V 20% DISC	1001610-01
1	C15	CAP 10uF 20V 10% TANT	1004813
1	C20	CAP 100uF 20V 10% TANT	1004815
3	C1, C5, C16	CAP 6.8uF 35V 10% TANT	1005306
1	D7	DIODE, LIGHT EMITTING	1110324
1	R33	RES 150 1/4W 5%	1300250
1	R2	RES 220 1/4W 5%	1300271
1	R1	RES 330 1/4W 5%	1300295
5	R4, R9, R11, R40, R61	RES 1K 1/4W 5%	1300365
43	R3, R5, R7, R8, R12, R13, R14 THRU R21, R24, R25, R26, R28 THRU R32, R34 THRU R39, R41 THRU R60	RES 4.7K 1/4W 5%	1300447
1	R22	RES 10K 1/4W 5%	1300479
1	R27	RES 15K 1/4W 5%	1300496
1	R18	RES 270 1/4W 5%	1301972
1	R23	RES 50K 3/4W 10% 76 PR	1309143-13
1	E4	IC 7404	1909686
2	E15, E22	IC 74197	1910035
2	E1, E14	IC 7408	1910155
2	E9, E10	IC 74123	1910436
5	(E2-E3)(E6-E7)(E11-E12)(E16-E17)(E19-E20)	IC 75452	1910445-01
2	E13, E23	IC 74199	1910842
1	E8	IC 7474	1905347
1	E18	IC 7405	1909930
3	S1, S2, S3	SWITCH, TOGGLE	1810209-00
3	S4, S5, S6	SWITCH, DIP OF 10	1211164-06
2	EYELET	9006732	34

IC TYPE	GND	+5V
74199	12	24
75452	4	8
74123	8	10

GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.

IC PIN LOCATIONS

REV	CHG	NO.	REV	CHG	NO.
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10

FIRST USED ON OPTION MODEL

TU16

ETCH BOARD REV D

DATE 12-5-73

DATE 12/20/73

DATE 1/2/74

DATE 1/5/74

DATE 1-76

SCALE 1 OF 3

SHEET 1 OF 3

SEMICONDUCTOR CONVERSION CHART

DEC NO. EIA NO. DEC NO. EIA NO.

digital EQUIPMENT CORPORATION

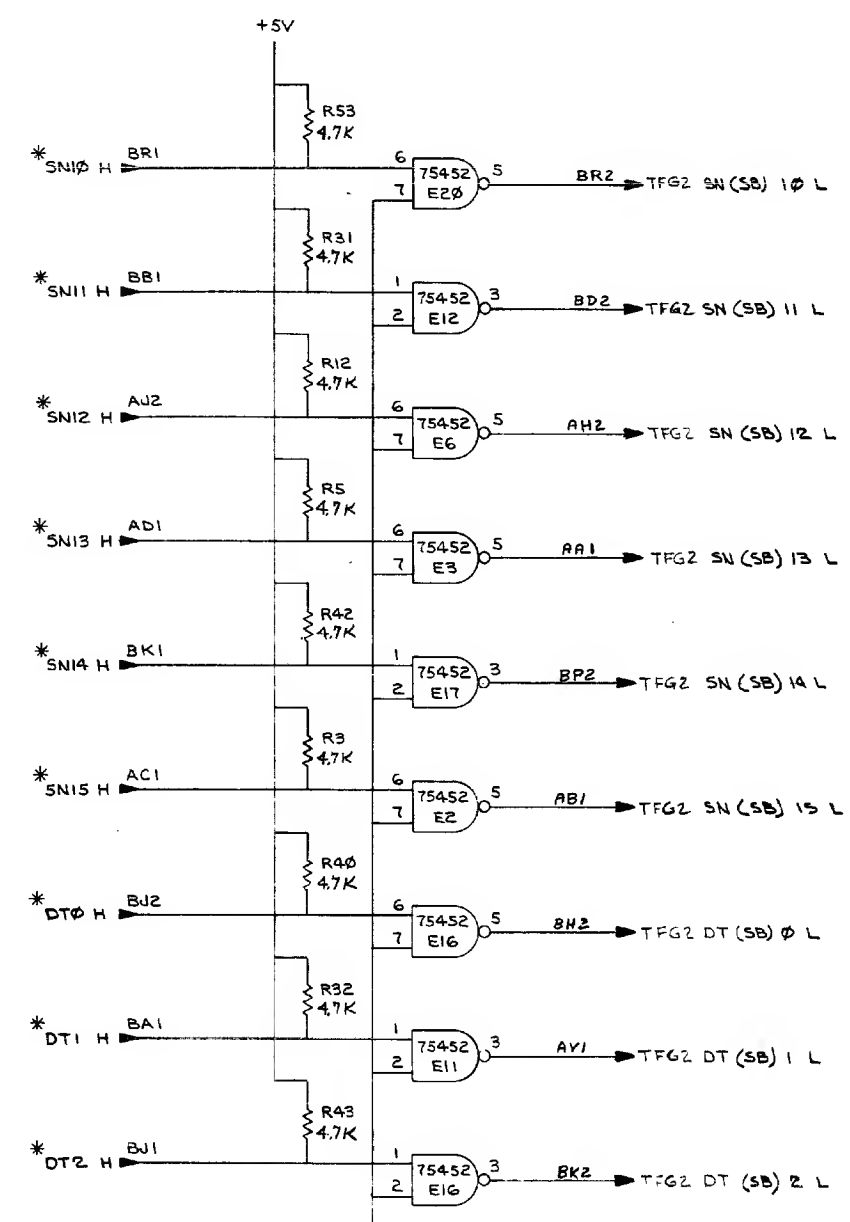
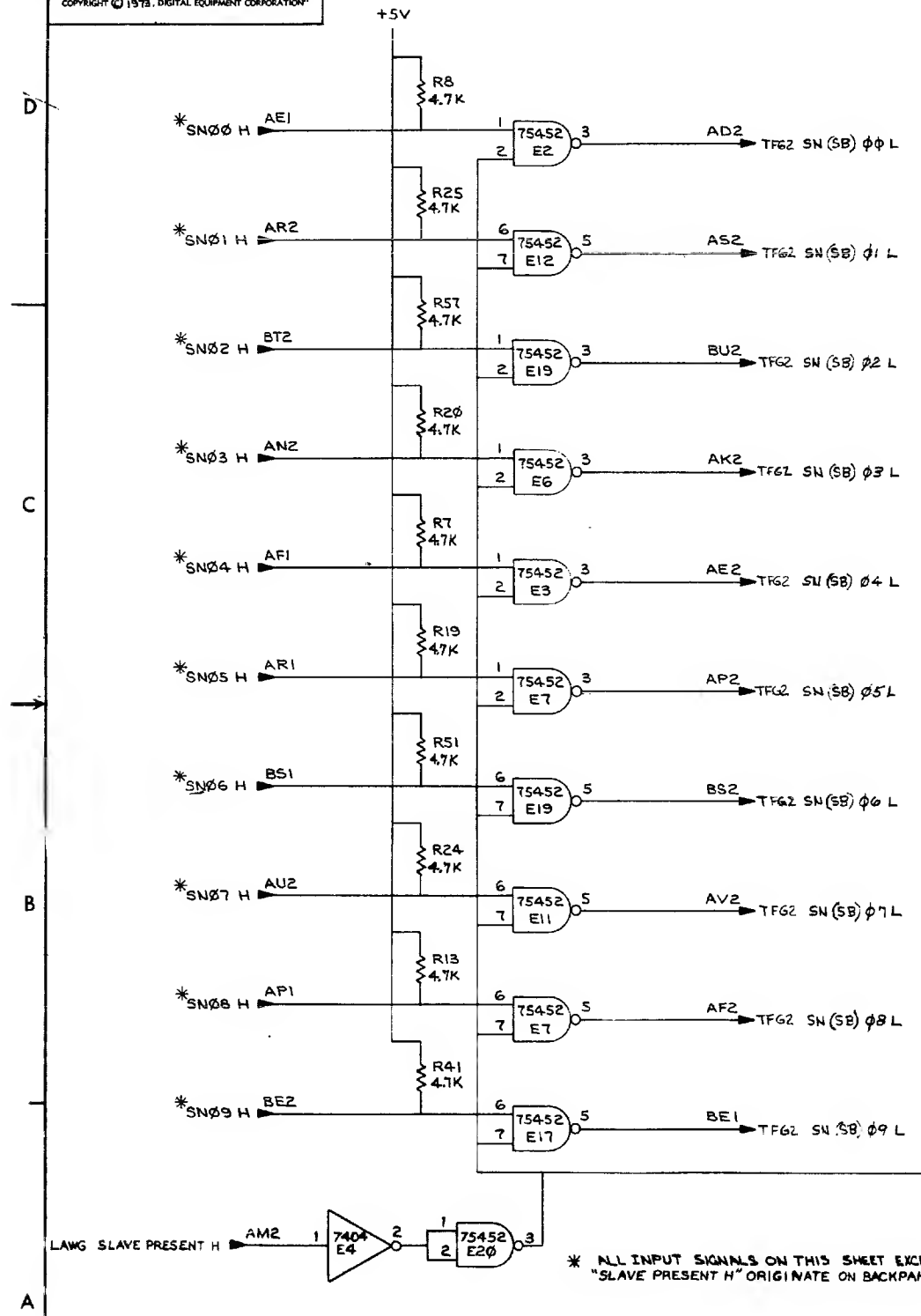
MAINE MASSACHUSETTS

TITLE SLAVE TEST (TFGI) FUNCTION GENERATOR

SIZE CODE NUMBER REV. D

DIST.

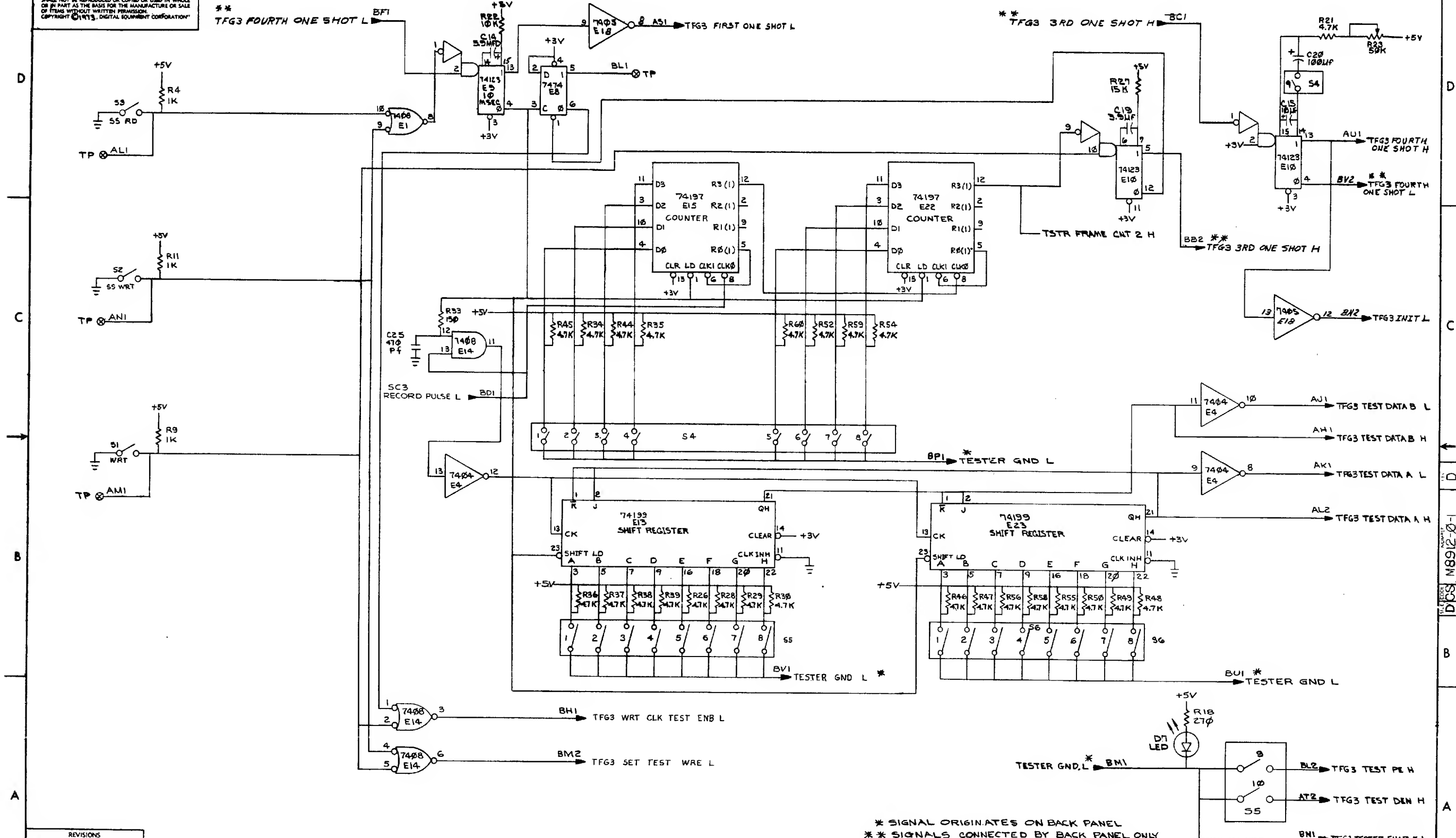
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* ALL INPUT SIGNALS ON THIS SHEET EXCEPT "SLAVE PRESENT H" ORIGINATE ON BACKPAHEL

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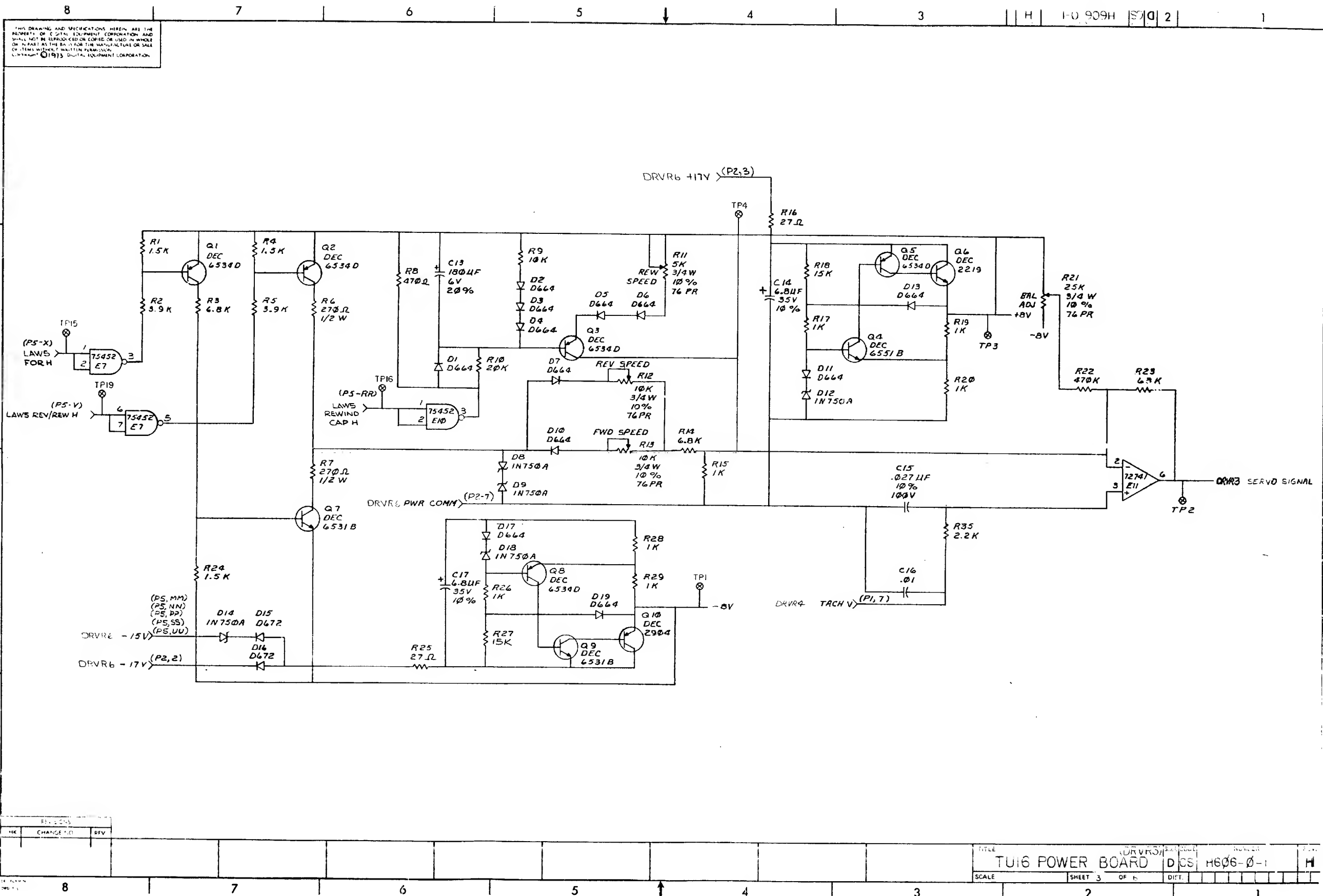


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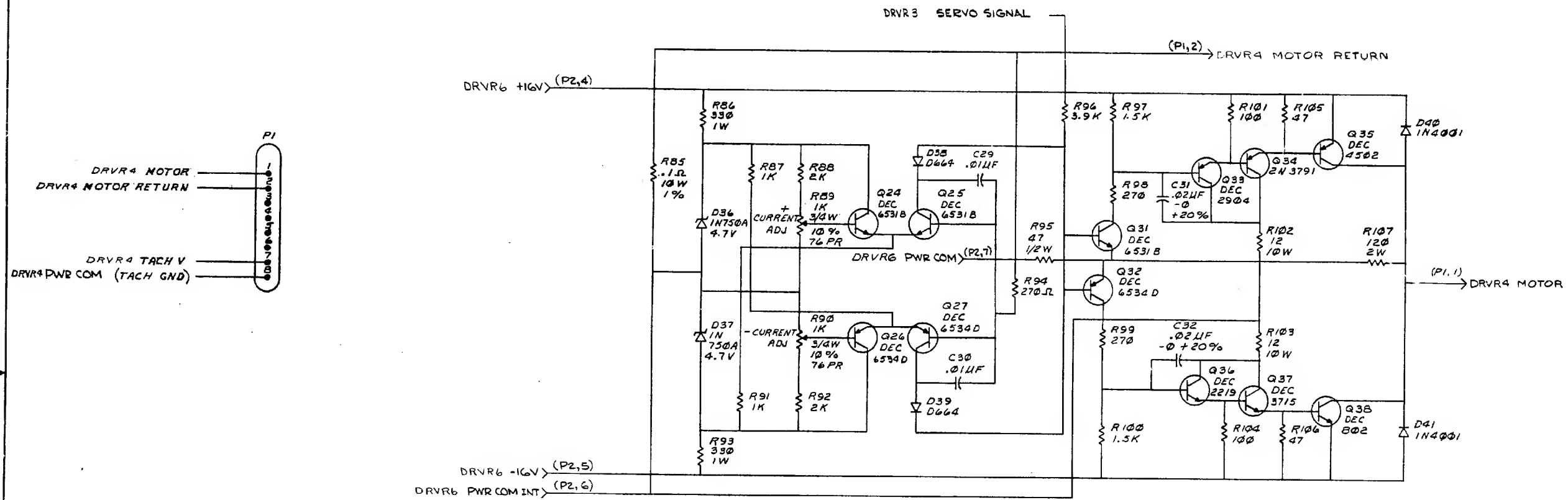
QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.	QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.	QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
REF		X-Y COORDINATE HOLE LOCATION	K-CQ-H606-0-4	REF	2	R43, R66	RES 560 $\frac{1}{4}$ W 5%	1301890	47					
REF		ASSY/DRILLING HOLE LAYOUT	O-AH-H606-0-5	REF	5	R46, R74, R94, R98, R99	RES 270 $\frac{1}{4}$ W 5%	1301972	48					
REF		MODULIF FCO HISTORY	B-MH-H606-0-6	REF	2	R52, R73	RES 39 $\frac{1}{4}$ W 5%	1302336	49					
1		ETCHED CIRCUIT BOARD	5010481	1	1	R10	RES 20K $\frac{1}{4}$ W 5%	1302391	50					
1	C15	CAP .027UF 100V 10% MYLAR	1000049	2	1	R22	RES 470K $\frac{1}{4}$ W 5%	1302398	51					
5	C20, C23, C24, C27, C25	CAP 3.9UF 10V 10% S.TANT	1000064	3	1	R84	RES 33K $\frac{1}{4}$ W 10%	1300510	52					
2	C13, C28	CAP 180UF 6V 20% S.TANT	1000086	4	8	R128, R130, R131, R135, R138, R140, R141, R144	RES 56 $\frac{1}{4}$ W 5%	1302602	53					
18	C1 THRU C10, C16, C18, C19, C22, C26, C29, C30	CAP .01UF 100V 20% DISC	1001610-01	6	2	R75, R77	RES 56 2W 5%	1302836	54					
4	C11, C12, C14, C17	CAP 6.8UF 35V 10% S.TANT	1005306	7	1	R88, R92	RES 2K $\frac{1}{4}$ W 5%	1302388	55					
2	C31, C32	CAP .02UF	1000004	8	7	R114	RES 620 $\frac{1}{4}$ W 5%	1303178	56					
1	C33	CAP 68UF 15V 10% S.TANT	1000082	9	1	R32, R38, R44, R55, R59, R67, R113	RES 8, 2K $\frac{1}{4}$ W 5%	1303179	57					
23	D1 THRU D7, D10, D11, D13, D17, D19, D38, D39, D42, D43, D44, D55, D57, D58, D59, D61, D72	D100E 0664	1100114	10	1	R107	RES 120 2W 5%	1305282	58					
2	D23, D32	D100E IN 748A ZENER	1100122	11	2	R129, R133, R139, R143	RES 56 10W 1%	1305396	59					
7	D8, D9, D12, D14, D18, D36, D37	D100E IN 750A ZENER	1100124	12	1	R102, R103	RES 12 10W 5%	1305400	60					
8	D40, D41, D46, D53, D63, D70, D73, D74	D100E IN 4004	1105796	13	1	R78, R48	RES 27 2W 10%	1305624	61					
2	D27, D33	D100E IN 4736A ZENER	1103340	14	2	R89, R90	POT 1K $\frac{1}{4}$ W 10% 76PR	1309143-07	64					
3	D25, D29, D56	D100E IN 756A ZENER	1103441	15	1	R11	POT 5K $\frac{1}{4}$ W 10% 76PR	1309143-09	65					
16	D50 THRU D52, D62, D65, D66, D69, D15, D16, D24, D26, D28, D30, D31, D34, D45	D100E 0672	1105275	16	2	R12, R13	POT 10K $\frac{1}{4}$ W 10% 76PR	1309143-10	66					
8	D47, D48, D49, D54, D64, D67, D68, D71	D100E 5624	1110420	17	2	R21, R81	POT 25K $\frac{1}{4}$ W 10% 76PR	1309143-12	67					
4	P1, P2, P3, P4	CONN MATE-N LQK 8 PIN	1209340	18	2	D10, D33	TRANS DEC 2904	1501742	68					
32		SOCKET TERMINAL CONTACT	1209456	19	2	D6, D38	TRANS DEC 2219	1501881	69					
1	P5	CONN 40P RT ANG HEADER	1209941	20	1	Q18	TRANS DEC 2904A	1501913	70					
1		HEAT SINK	74-11330	21	5	Q37, Q41, Q44, Q50, Q51	TRANS DEC 3715	1503088	71					
2	R105, R106	RES 47 $\frac{1}{4}$ W 5%	1300202	22	12	Q1, Q2, Q3, Q29, Q5, Q8, Q21, Q23, Q26, Q27, Q32, Q53	TRANS DEC 65340	1503409	72					
1	R47	RES 56 $\frac{1}{4}$ W 5%	1309995	23	16	Q4, Q7, Q9, Q11 THRU Q15, Q19, Q24, Q25, Q28, Q30, Q31, Q45, Q52	TRANS DEC 85318	1509338	73					
2	R101, R104	RES 100 $\frac{1}{4}$ W 5%	1300229	24	7	Q18, Q20, Q34, Q39, Q42, Q48Q47	TRANS DEC 3791	1509581	74					
3	R50, R71, R83	RES 220 $\frac{1}{4}$ W 5%	1300271	25	2	Q17, Q22	TRANS DEC 4923	1509804	75					
2	R45, R70	RES 220 1W 10%	1300277	26	1	Q35	TRANS DEC 4502	1510334	76					
2	R7, R6	RES 270 $\frac{1}{4}$ W 5%	1300285	27	1	Q38	TRANS DEC 802	1510335	77					
9	R82, R119, R120, R128, R127, R132, R134, R142, R147	RES 330 $\frac{1}{4}$ W 5%	1300295	28	4	Q40, Q43, Q48, Q49	TRANS 0 45CB	1510598	78					
2	R86, R93	RES 330 1W 5%	1300297	29	1	E5	IC DEC 7400	1805575	79					
1	R8	RES 470 $\frac{1}{4}$ W 5%	1300316	30	1	E8	IC DEC 7410	1805578	80					
1	R68	RES 750 $\frac{1}{4}$ W 5%	1300354	31	1	E1	IC DEC 7402	1809004	81					
24	R15, R17, R19, R20, R26, R29, R29, R31, R33, R36, R37, R51, R53, R54, R57, R58, R72, R87, R91, R116, R123, R137, R146, R48	RES 1K $\frac{1}{4}$ W 5%	1300365	32	2	E2, E3	IC DEC 380	1809485	82					
14	R1, R4, R24, R42, R65, R69, R80, R81, R97, R100, R110, R111, R118, R125	RES 1.5K $\frac{1}{4}$ W 5%	1300391	33	1	E11	IC DEC 741	1910298	83					
3	R35, R41, R64	RES 2.2K $\frac{1}{4}$ W 5%	1300417	34	1	E9	IC DEC 75451	1910406	84					
3	R108, R109, R121	RES 3.3K $\frac{1}{4}$ W 5%	1300439	35	2	E4, E8	IC DEC 74123	1910436	85					
3	R2, R5, R96	RES 3.9K $\frac{1}{4}$ W 5%	1300444	36	2	E7, E10	IC DEC 75452	1910845	86					
2	R9, R115	RES 10K $\frac{1}{4}$ W 5%	1300479	37	A/R		THERMAL COMPOUND	9008268	87					
5	R34, R39, R56, R60, R62	RES 12K $\frac{1}{4}$ W 5%	1300488	38	28		SCREW, SD HD 4-40X7-18 LG	8006012-4	88					
2	R18, R27	RES 15K $\frac{1}{4}$ W 5%	1300486	39	32		KEPNUT 4-40	9006557	89					
5	R23, R117, R124, R136, R145	RES 68K $\frac{1}{4}$ W 5%	1301327	40	8		WASHER, NYLON	9006706	90					
2	R16, R25	RES 27 $\frac{1}{4}$ W 5%	1301522	41	14		WASHER, ANODIZED	9006721	91					
2	R3, R14	RES 6.8K $\frac{1}{4}$ W 5%	1301423	42	8		EYELET	8006745	92					
2	R49, R78	RES .82 $\frac{1}{4}$ W 10%	1301642	43	26		CAMBION TERMINAL	9007791	93					
1	R95	RES 47 $\frac{1}{4}$ W 5%	1301695	44	6	C34 THRU C39	CAP .1UF 100V 20% DISC	1000030	94					
1	R63	RES 22K $\frac{1}{4}$ W 5%	1301808	45	4		EYELET	9006746	95					
1	R40	RES 5.6K $\frac{1}{4}$ W 5%	1301874	46	4		SCREW, SD HD 4-40X5-16 LG	9006010-4	96					
							TURNING #22 THIN WALL	9107258	97					
							ADAPTER	1210214	98					
							JUMPER, WIRE, WHITE INSULATION	9009185	99					

REVISIONS		
CHK	CHANGE NO	REV



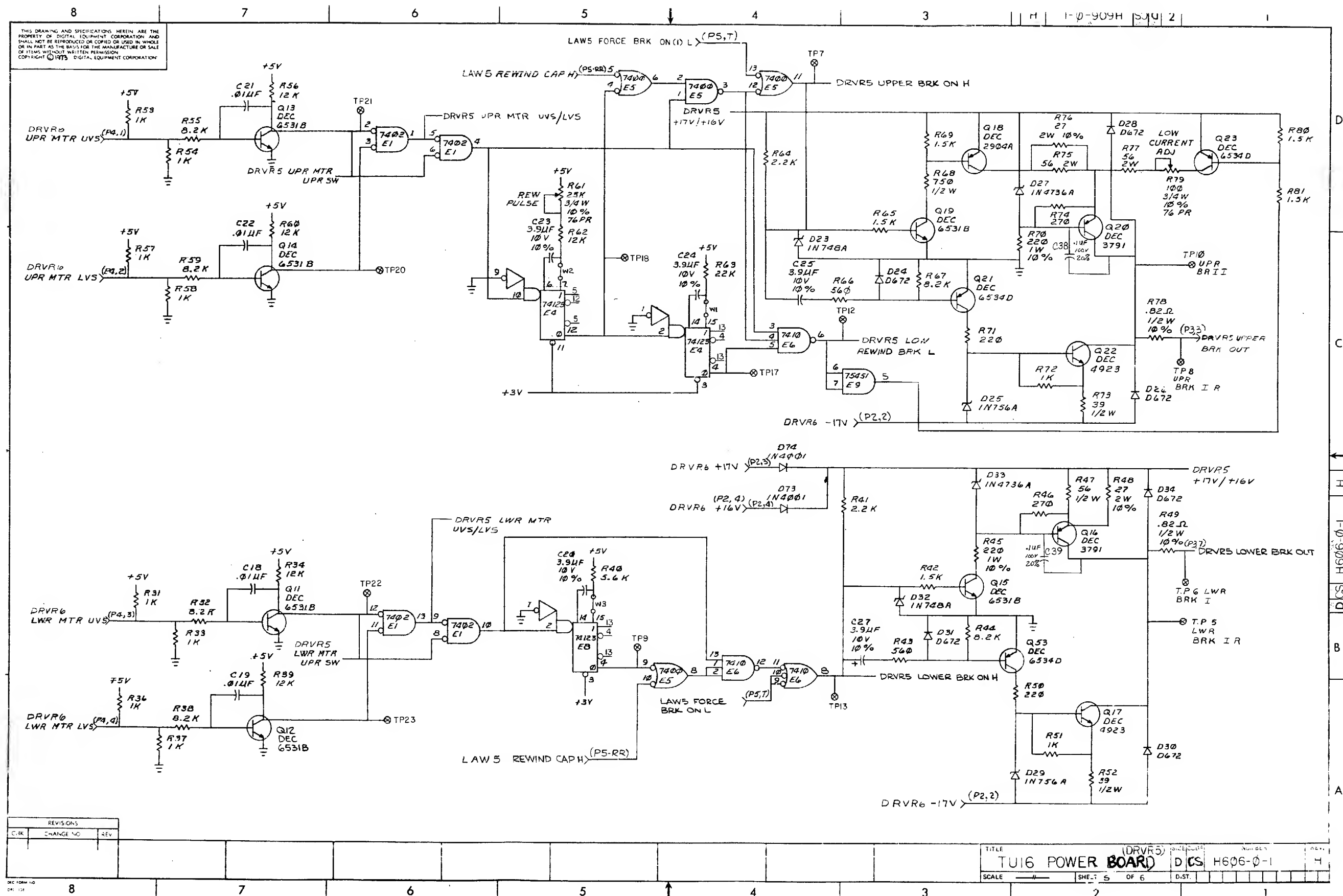
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NO.	CHANGE	BY

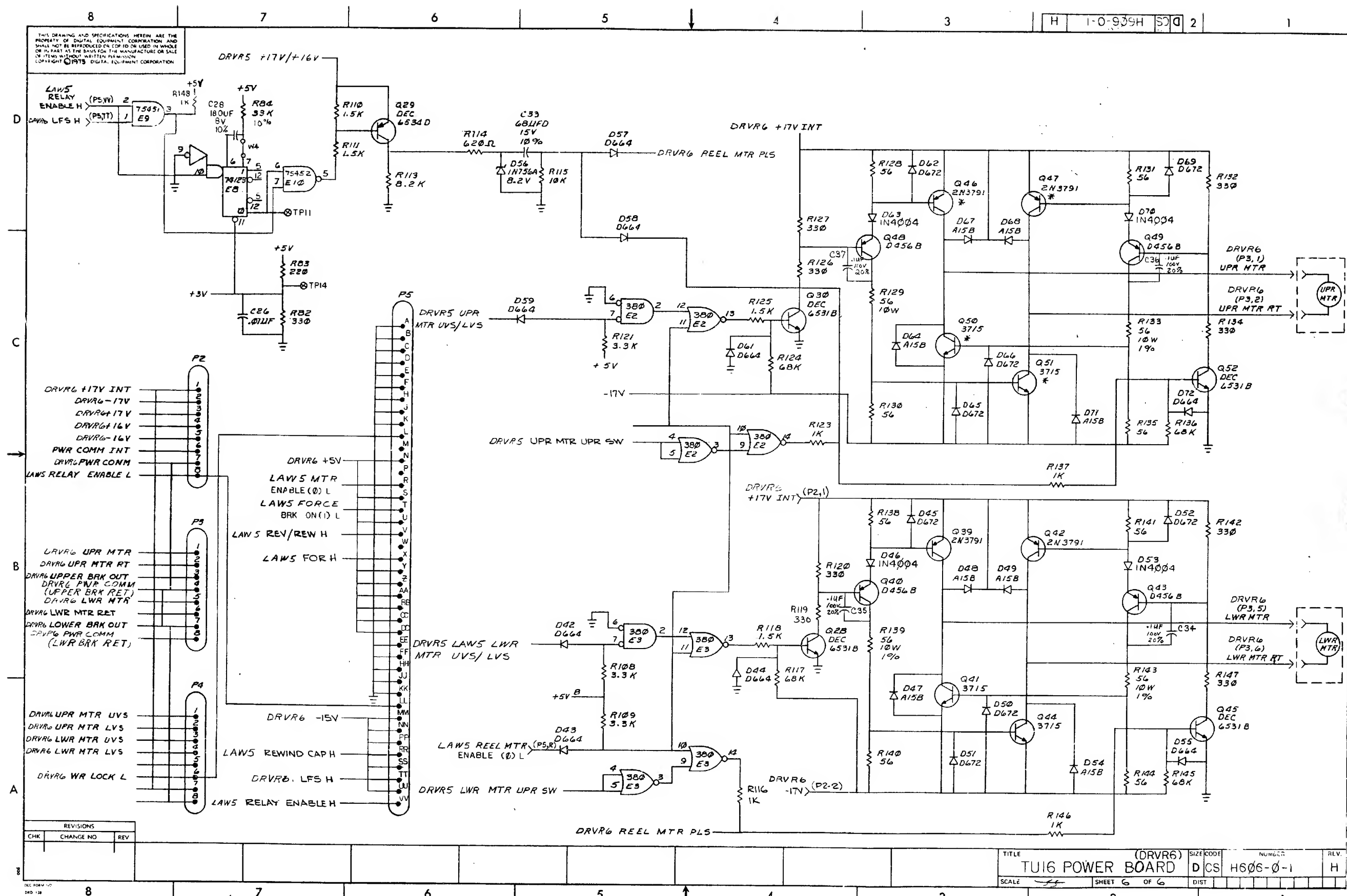
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REVISIONS		
CHK	CHANGE NO	REV

TITLE TU16 POWER BOARD (DRVR4)		SIZE CODE D CS	NUMBER H606-0-1	REV. H
SCALE 1/1	SHEET 4 OF 6	DIST.		





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CUTTING SHEET 533 DIGITAL EQUIPMENT CORPORATION

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
REF		X-Y COORDINATE HOLE LOCATION	X-CO-G056-0-4	1
REF		ASSY-DRILLINGHOLE LAYOUT	0-AM-G056-B-5	2
REF		MODULE ECO HISTORY	0-MH-G056-B-6	3
1		ETCHED CIRCUIT BOARD	5010479	4
9	C20, C50, C80, C110, C139, C169, C201, C229, C258	CAP 680PF, 100V, 5% DM	1000026	5
6	C1, C53, C91, C142, C160, C270	CAP 8.0UF, 35V, 10% S. TANT	1005306	8
18	C14, C15, C44, C45, C74, C75, C104, C105, C133, C134, C183, C164, C194, C195, C223, C224, C252, C253	CAP .22UF, 50V, 10% CER	1010274	7
1	C23	CAP 10UF, 20V, 10% S. TANT	1004813	8
9	C11, C41, C71, C101, C130, C160, C191, C220, C249	CAP .02UF, 100V, 5%	1000037	9
9	C19, C49, C79, C109, C138, C168, C200, C228, C257	CAP 120PF, 100V, 5% DM	1000018	10
9	C21, C51, C81, C111, C140, C170, C202, C230, C259	CAP 330PF, 100V, 5% DM	1000023	11
18	C10, C30, C40, C61, C70, C80, C100, C120, C123, C149, C159, C179, C190, C210, C219, C239, C248, C289	CAP 2.2UF, 20V, 10% S. TANT	1002627	12
9	C5, C25, C35, C56, C65, C85, C95, C115, C144, C144, C174, C195, C205, C214, C234, C264, C264	CAP 82PF, 100V, 5% DM	1000015	13
18	C12, C13, C42, C43, C72, C73, C102, C103, C131, C132, C161, C162, C192, C193, C221, C222, C250, C251	CAP 470PF, 100V, 5% DM	1000024	14
74	C6, C8, C9, C16, C17, C28, C28, C29, C36, C38, C39, C46, C47, C57, C59, C80, C86, C89, C89, C76, C77, C86, C88, C89, C96, C98, C99, C106, C107, C116, C118, C119, C125, C127, C128, C135, C136, C145, C147, C148, C155, C157, C158, C165, C166, C175, C177, C178, C186, C188, C109, C136, C197, C206, C208, C209, C219, C217, C218, C225, C226, C235, C237, C238, C244, C245, C247, C254, C255, C262, C265, C267, C268, C181	CAP .47UF, 25V, 20% CER	1010279	15
2	C31, C83	CAP 22UF 35V, 20% S. TANT	1002433	16
9	C22, C52, C82, C112, C141, C171, C202, C231, C260	CAP .005UF, 100V, 20% DISC	1001765	17
9	C18, C48, C78, C108, C137, C167, C198, C227, C256	CAP 1000PF 250V, 20% DISC	1000043	18
27	C4, C7, C27, C34, C37, C58, C64, C67, C87, C94, C97, C117, C123, C146, C26, C153, C156, C176, C184, C187, C207, C213, C216, C236, C242, C245, C286	CAP 3.9UF 10V, 10% S. TANT	1000064	19
22	C2, C24, C32, C33, C54, C62, C84, C92, C93, C113, C121, C143, C150, C151, C152, C172, C182, C204, C211, C212, C240, C261, C263	CAP .01UF 100V, 20% DISC	1001610-01	20
63	C2, C5, C7, C11, C13, C15, C17, C19, C21, C22, C25, C27, C30, C34, C37, C39, C41, C44, C46, C48, C49, C51, C53, C55, C58, C60, C62, C65, C67, C70, C75, C95	DIODE 0664	1100114	21
1	D68	DIODE IN747A 3.6V 5%	1110672	23
2	D12, D23	DIODE IN758A	1100125	24
10	R23, R55, R87, R118, R149, R185, R218, R253, R290, R214	RES 910 Ω W 5%	1305374	25
1	R145	RES 10 Ω W 5%	1301317	26
2	R31, R72	RES 100 Ω W 5%	1301322	27
9	R21, R53, R85, R116, R147, R183, R216, R251, R288	RES 330 Ω W 5%	1300295	28
1	R226	RES 47 Ω W 5%	1300202	29

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
26	R8, R28, R40, R80, R70, R92, R102, R123, R132, R154, R163, R190, R199, R224, R234, R258, R271, R272, R295, R215, R43, R75, R105, R35, R202, R237	RES 220 1/4W 5%	1300271	30
18	R9, R22, R29, R41, R43, R61, R71, R75, R93, R103, R105, R124, R133, R138, R155, R164, R170, R191, R200, R225, R235, R237, R259, R272, R276, R296	RES 470 Ω W 5%	1300316	31
11	R11, R42, R74, R104, R134, R169, R201, R236, R275, R286, R298, R20, R50, R82, R113, R144, R177, R211, R245, R285	RES 680 Ω W 5%	1301424	32
9	R1, R6, R7, R15, R17, R26, R27, R33, R36, R39, R46, R48, R58, R59, R63, R68, R69, R78, R80, R90, R91, R94, R100, R101, R108, R110, R121, R122, R125, R130, R131, R138, R140, R142, R152, R153, R156, R161, R162, R173, R188, R189, R192, R197, R199, R203, R207, R221, R222, R227, R232, R233, R240, R242, R246, R247, R248, R249, R256, R257, R260, R261, R262, R263, R264, R269, R270, R279, R281, R286, R284, R293, R302, R303	RES 680, 1/4W, 5% NOMINAL	1300365	33
1	R283	RES 820, 1/4, 5%	1301775	34
18	R18, R19, R49, R81, R82, R111, R112, R284, R141, R143, R175, R176, R244, R208, R209, R282, R210, R243	RES 120 Ω W 5%	1300247	35
3	R166, R146, R168	RES 196 Ω W 1%	1302956	36
11	R10, R51, R62, R114, R115, R165, R167, R178, R179, R273, R274	RES 4.7K Ω W 5%	1300447	37
9	R22, R54, R86, R299, R117, R148, R184, R217, R252	RES 3.9K Ω W 5%	1300444	38
9	R2, R34, R64, R126, R157, R193, R228, R265, R95	RES 4.0K 1/4W 1%	1305127	39
18	R14, R16, R45, R47, R77, R79, R107, R109, R137, R139, R172, R174, R204, R206, R239, R241, R278, R280	RES 150K Ω W 5%	1302396	40
9	R13, R44, R76, R106, R136, R171, R205, R238, R277	RES 82 Ω W 5%	1301477	41
1	R214	RES 910 OHM Ω W 5%	1305334	42
9	R25, R57, R89, R120, R151, R187, R220, R255, R292	RES 3.3K Ω W 5%	1300439	43
9	R24, R56, R88, R119, R150, R186, R219, R254, R291	RES 15K Ω W 5%	1300496	44
9	R30, R52, R84, R180, R181, R223, R250, R287, R162	POT 2K Ω W 10%	1309150-07	45
1	R300	RES 47 Ω 5%	1300202	46
1	R214	RES 500 OHM Ω W 5%	1301293	47
4	U57, Q58, Q59, Q60	TRANSISTOR 65340	1503409	48
3	Q10, Q11	TRANSISTOR 2219	1501281	49
10	Q1, Q4, Q7, Q11, Q14, Q18, Q21, Q24, Q27, Q30, Q33, Q38, Q39, Q42, Q45, Q48, Q51, Q54	TRANSISTOR 65318	1509336	50
36	Q2, Q3, Q5, Q6, Q8, Q9, Q12, Q13, Q15, Q16, Q19, Q20, Q22, Q23, Q25, Q28, Q29, Q31, Q32, Q34, Q35, Q37, Q38, Q40, Q41, Q43, Q44, Q46, Q47, Q49, Q50, Q52, Q53, Q55, Q56	TRANSISTOR 2N4250	1503142	51

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
45	L1, L6, L11, L16, L21, L26, L31, L36, L41, L2, L3, L4, L5, L7, L8, L9, L10, L12, L13, L14, L15, L17, L18, L19, L20, L22, L23, L24, L25, L27, L28, L29, L30, L32, L33, L34, L35, L37, L38, L39, L40, L42, L43, L44, L45	INDUCTOR 1000 UH	1602723	53
1	E49	I.C. 74150	1914213	54
2	E51, E53	I.C. 72741	1910298	55
18	E3, E4, E8, E9, E14, E15, E19, E20, E25, E26, E30, E31, E36, E37, E41, E42, E47, E48	I.C. 72733	1910644	56
5	E1, E12, E23, E34, E45	I.C. 7476	1905585	57
9	E2, E11, E13, E22, E24, E33, E35, E44, E46	I.C. 75107	1910268	58
9	E5, E7, E16, E18, E27, E29, E38, E40, E50	I.C. 710	1905620-01	59
5	E10, E21, E32, E43, E52	I.C. 7486	1910011	60
3	E6, E17, E28	I.C. 7404	1909686	61
12		EYELET	9006732	62
27		SPLIT LUG	9006735	63
1		HANDLE, HEX	1210711-2	64
1				65
1		RFAD CABLE	7010057-C-0	66
1		CABLE READ BOARD	7009920-0-0	67
9	R20, R50, R83, R113, R144, R177, R211, R245, R285	RES 470 1/4W 5% (HIGH GAIN) OR RES 820 1/4W 5% (LOW GAIN) NOTE: TO BE CHANGED AT FINAL SYSTEM TEST IF NECESSARY	1300316 1301775	68
1				69
1				70
9	C11, C41, C71, C101, C130, C160, C191, C220, C249	CAP 1500 PF	1000054	71
1		NOTE: GAIN ADJUST REFER TO ITEM #20 R50, R93, R113, R144, R177, R211, R245, R285, R20		72
1	D8	DIODE D777	1103041	73
18	R300-317	RES 270 Ω W 5%	1301972	74
9	D69-D77	ZENER DIODE IN942 11.7V	11-03345	75
9	R5, R37, R67, R98, R160, R196, R268, R231, R129	RES 3.16K 1/4W 1%	1303045	76
1	R212	RES 511 1/4W 1%	1302411	77
9	R4, R36, R66, R97, R159, R195, R267, R230, R128	RES 14.7K 1/4W 1%	1302941	78
9	R3, R35, R65, R96, R158, R194, R266, R229, R127	RES 909 1/8W 1%	1302685	79
1	R301	RES 15K 1/4W 5%	1300391	80
1	C271	CAP .047 MFD, POLYCARB	1009423	81
1	E39	I.C. 75452	1910645	82

REVISIONS		
CHK	CHANGE NO	REV

						TITLE		SIZE CODE	NUMBER	REV
						READ AMP (RA2)		D/CS	G056-0-1	L
						SCALE		SHEET 2 OF 7	DIST.	

DEC FORM NO
DWD 136

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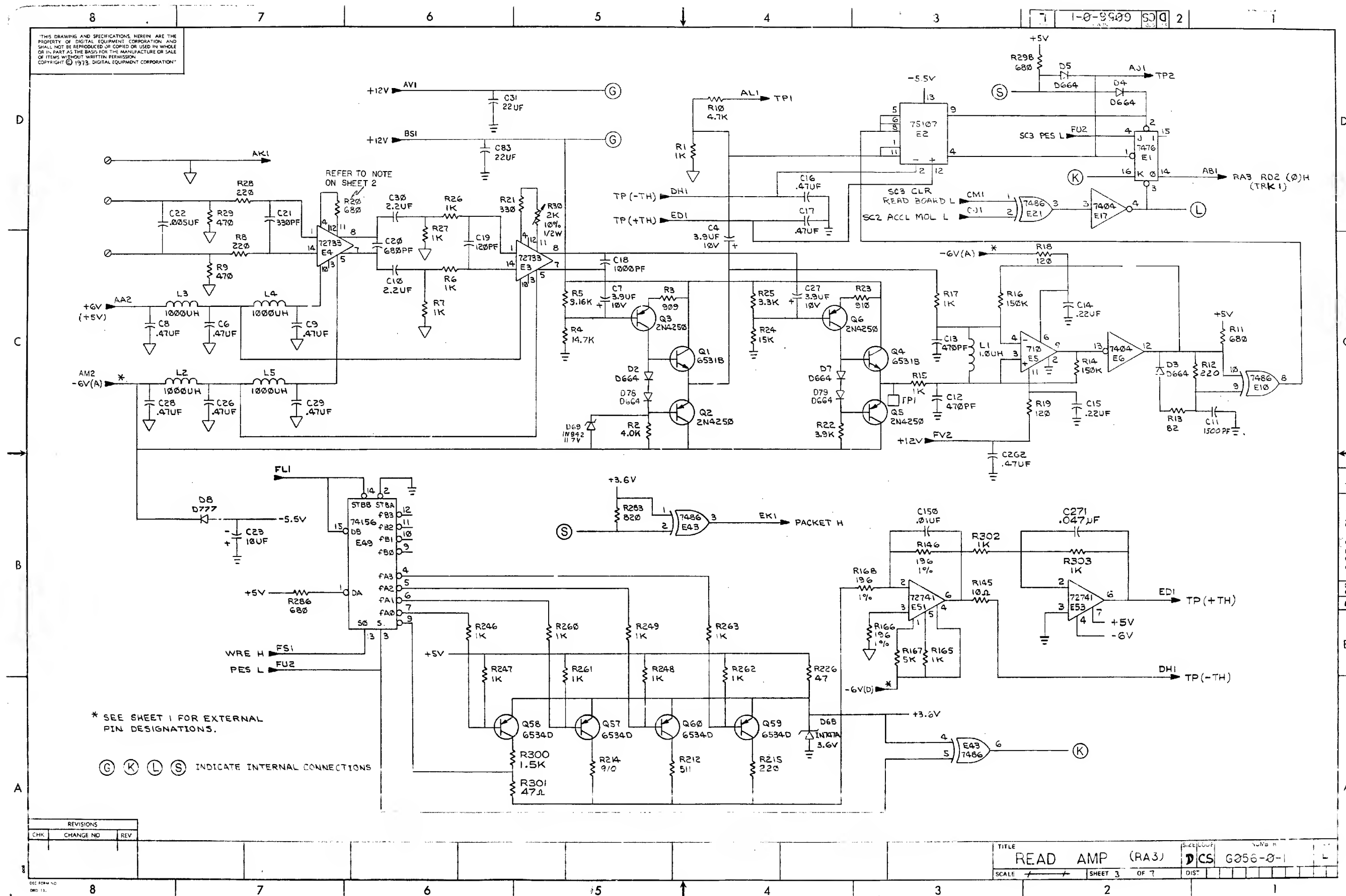
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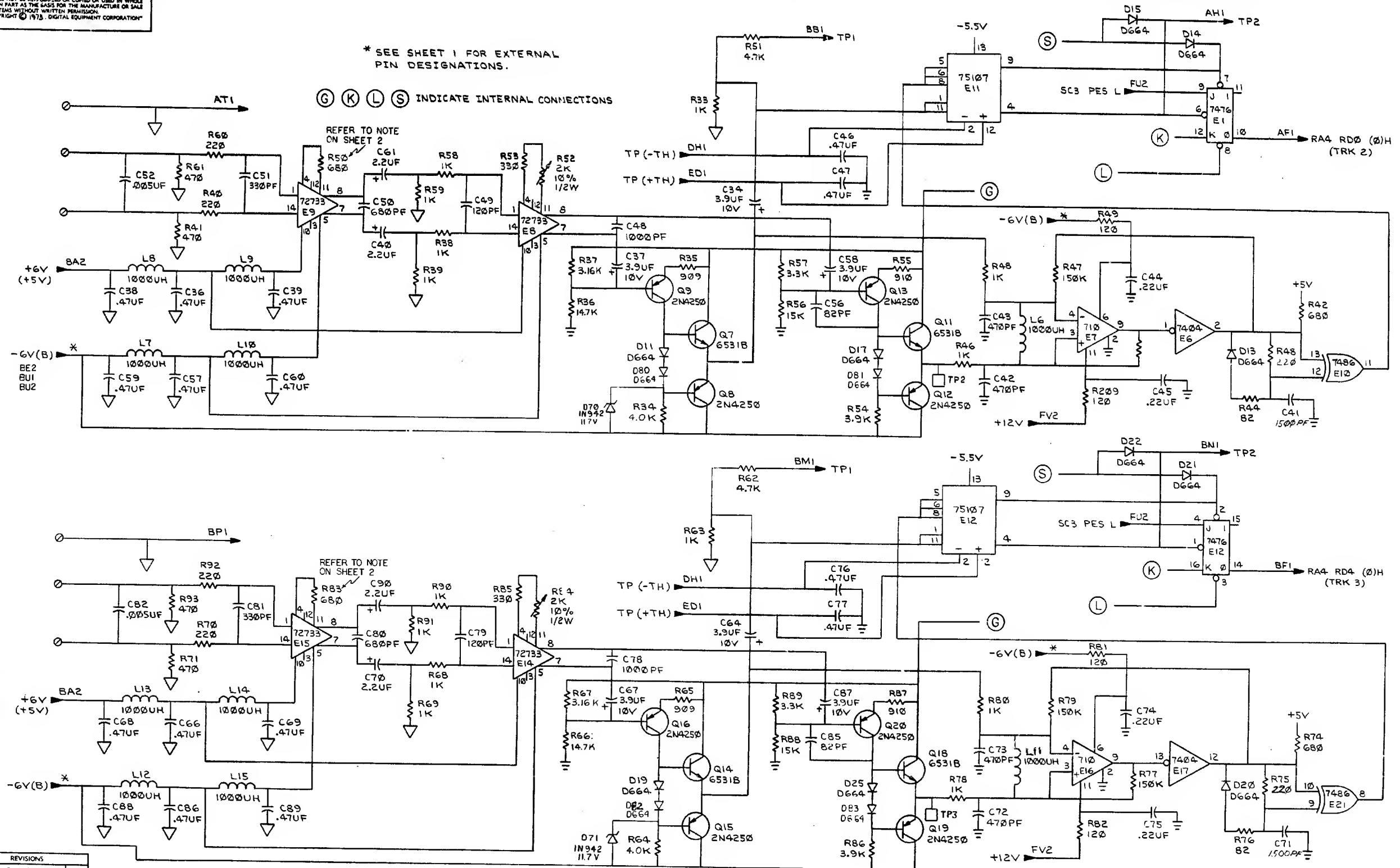


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* SEE SHEET 1 FOR EXTERNAL PIN DESIGNATIONS.

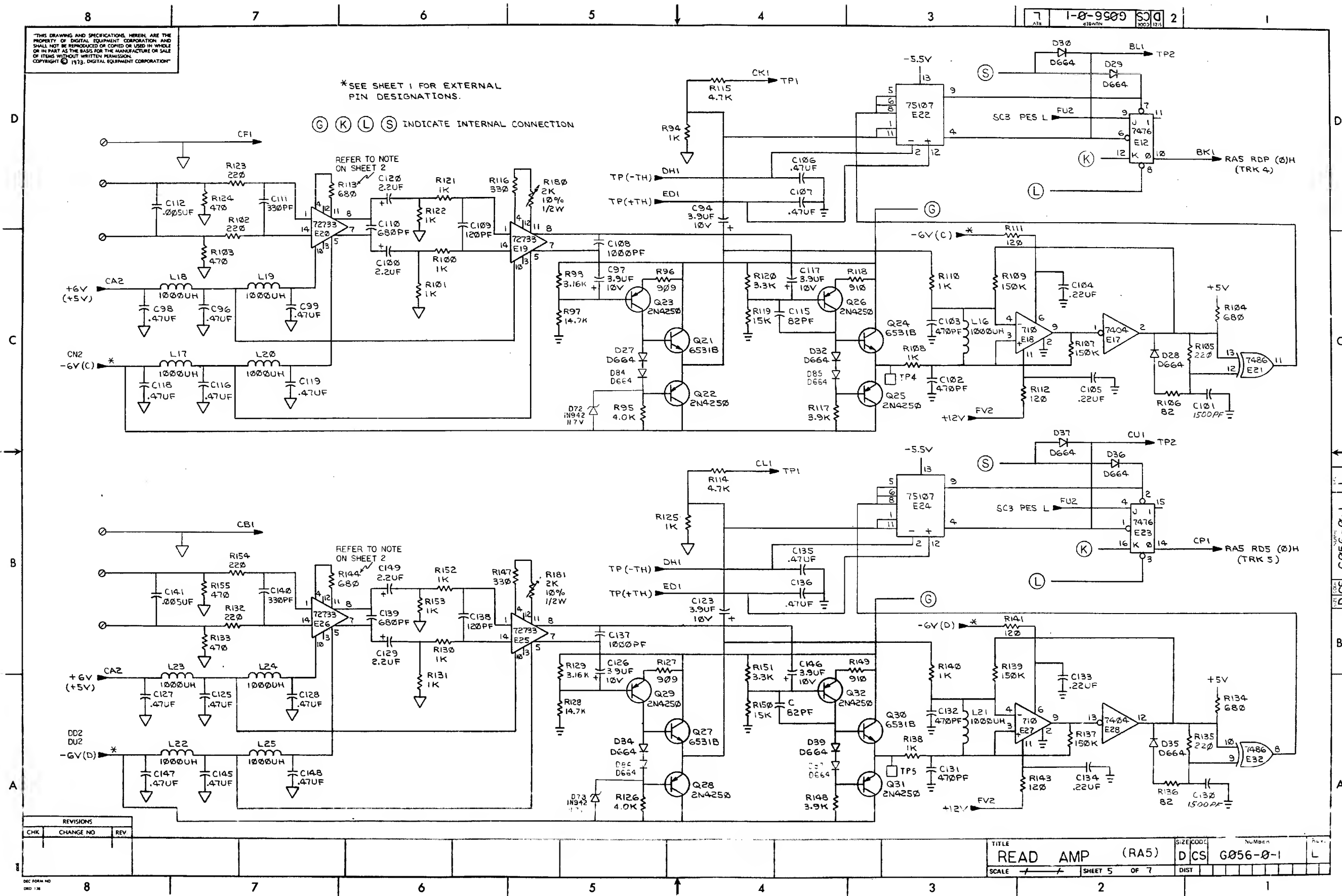
(G) (K) (L) (S) INDICATE INTERNAL CONNECTIONS

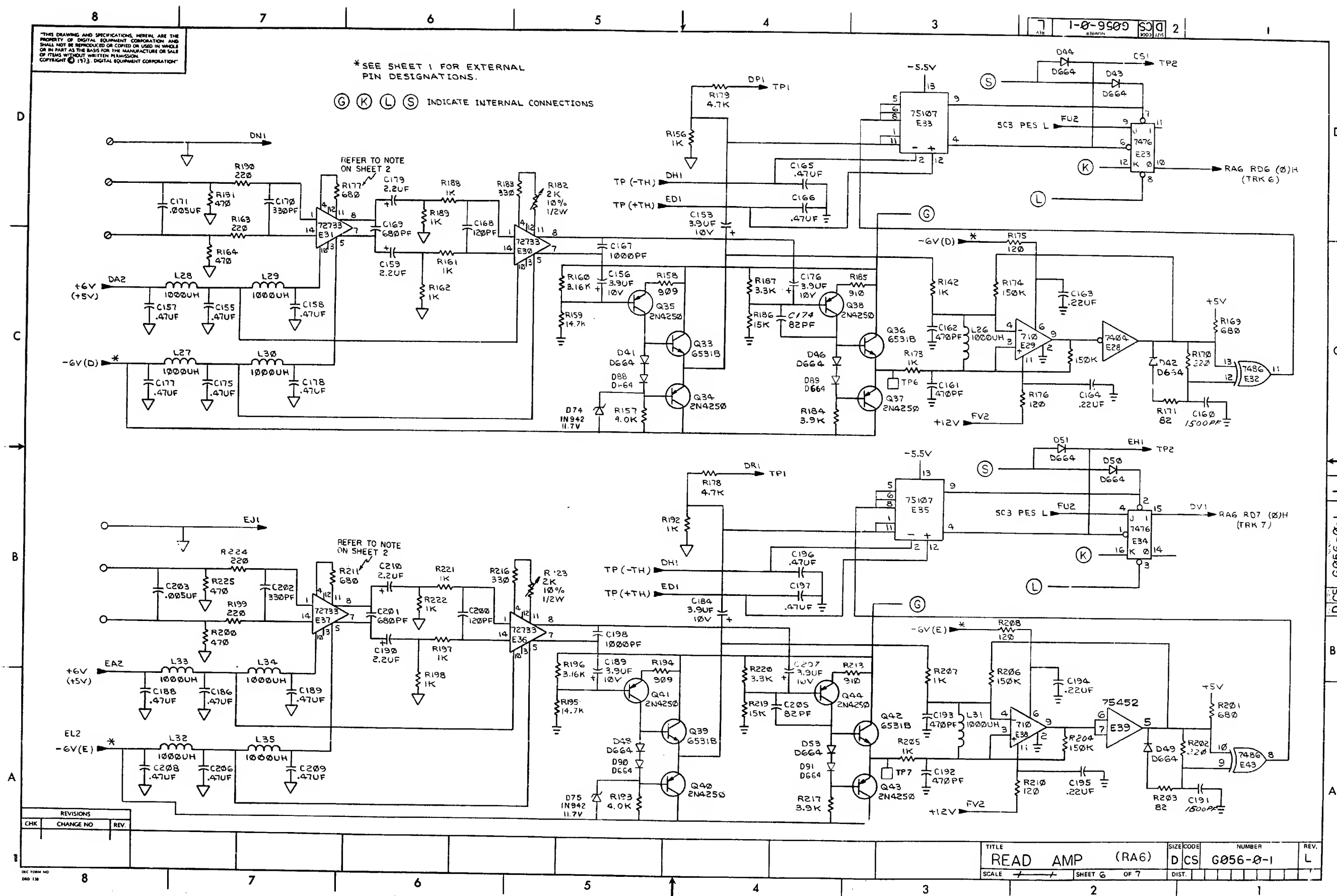
REFER TO NOTE ON SHEET 2



REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
READ AMP (RA4)		D CS	G056-0-1	L
SCALE		SHEET 4	OF 7	



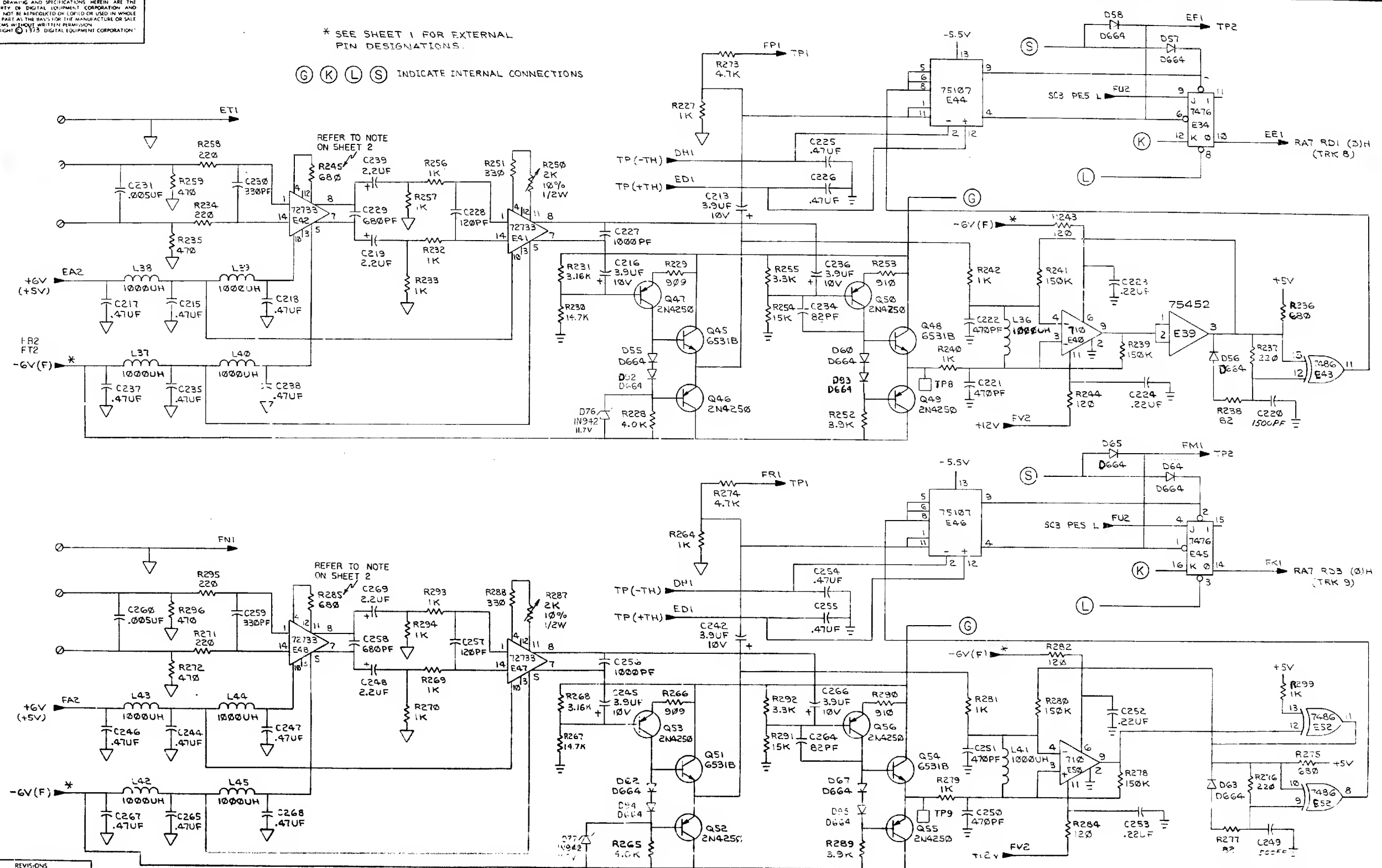


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(G) (K) (L) (S) INDICATE INTERNAL CONNECTIONS

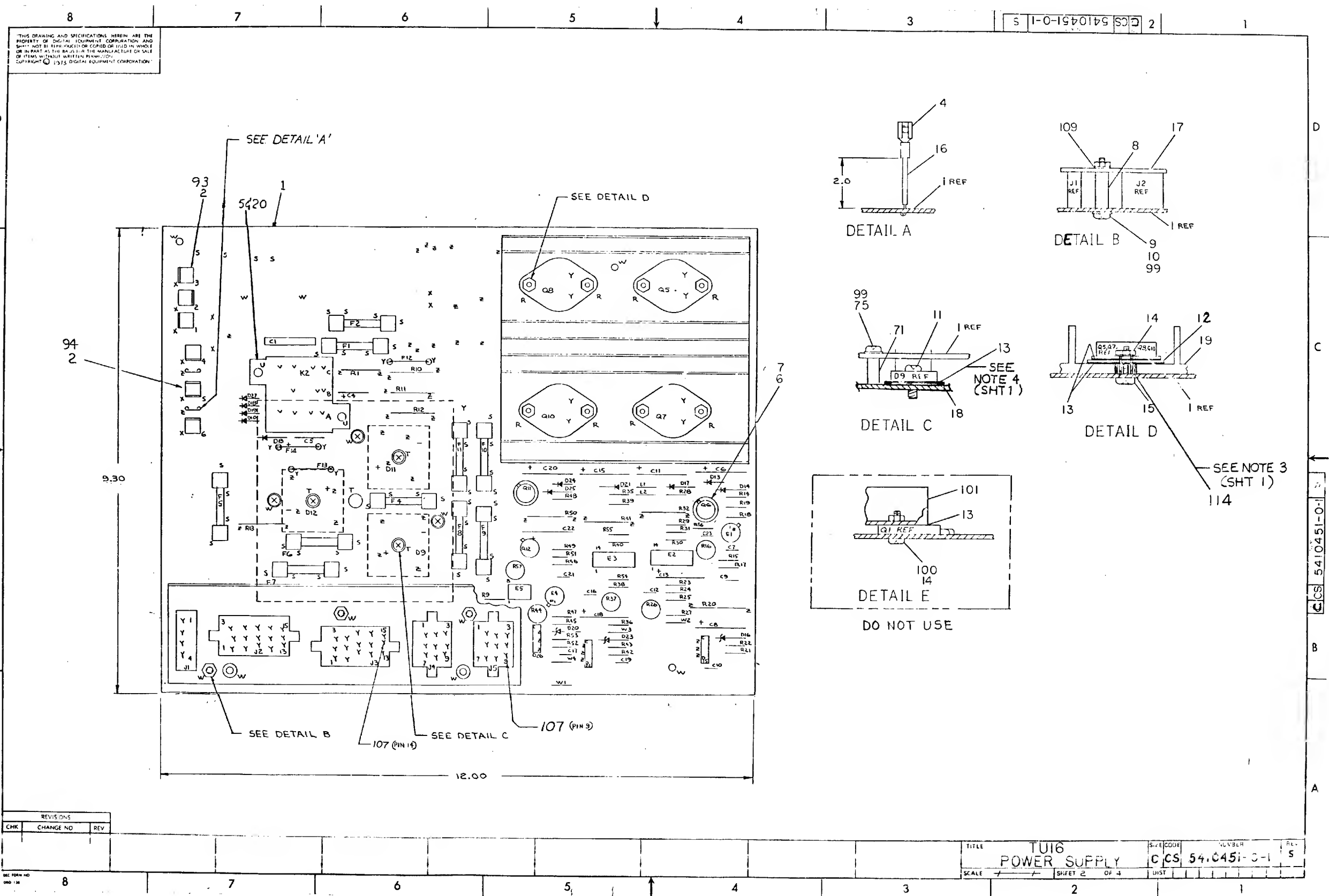
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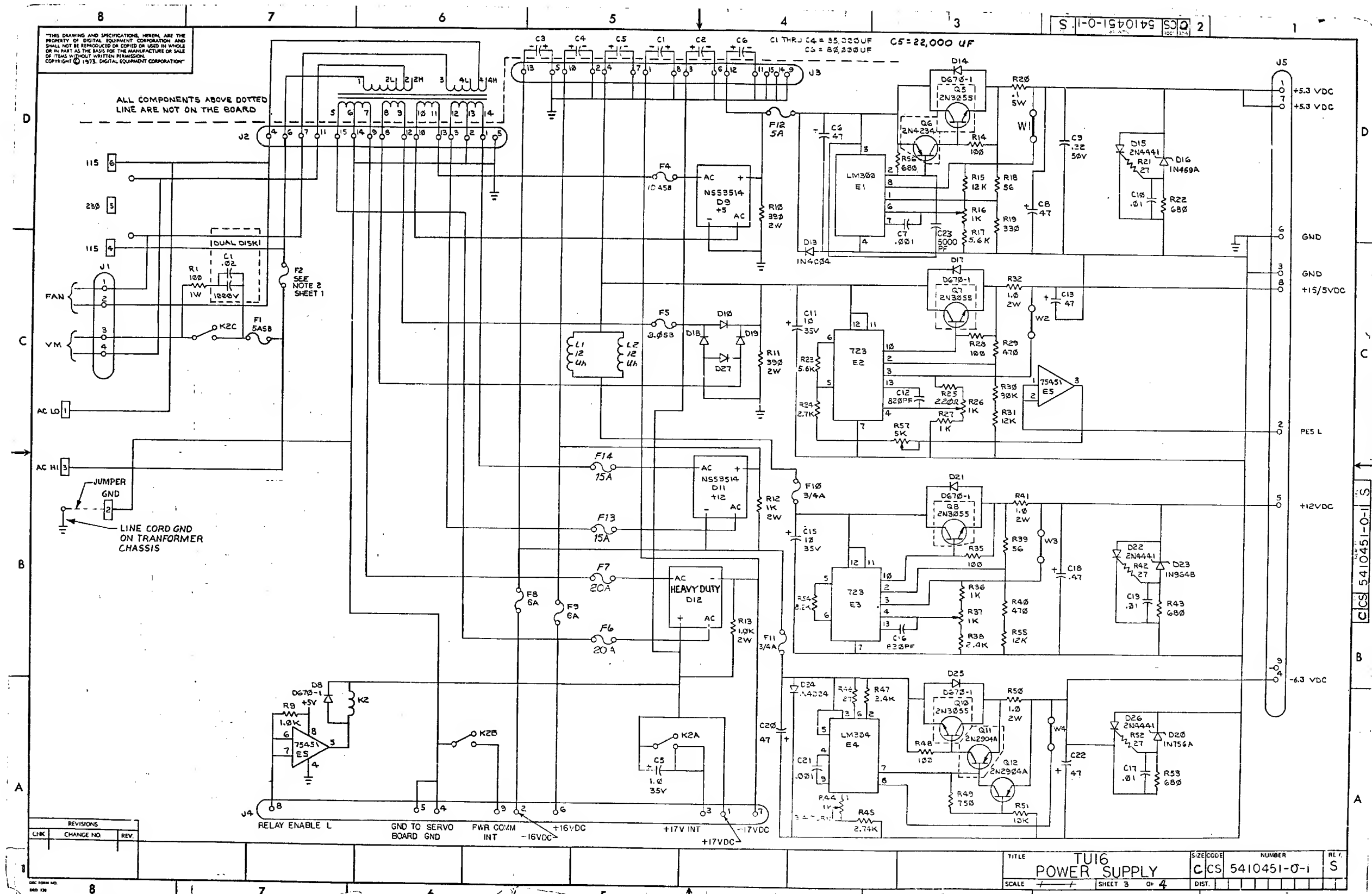
D
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REVISIONS		
CHK	CHANGE NO	REV

1

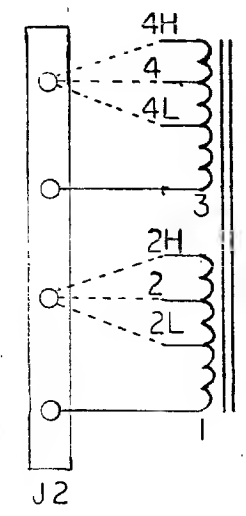




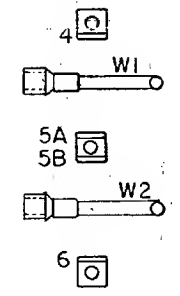
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ECO No. 5410451-00011 Sheet 5 of 5

VOLTAGE RANGE 50-60CPS	TRANSFORMER PRIMARY TAPS
95 to 105 190 to 210	1 and 2L; 3 and 4L
105 to 120 210 to 240	1 and 2; 3 and 4
120 to 132 240 to 264	1 and 2H; 3 and 4H



VOLTAGE (NOMINAL) INPUT	W1 CONN	W2 CONN
115V 50-60 CPS	4	6
230V 50-60 CPS	5A	5B

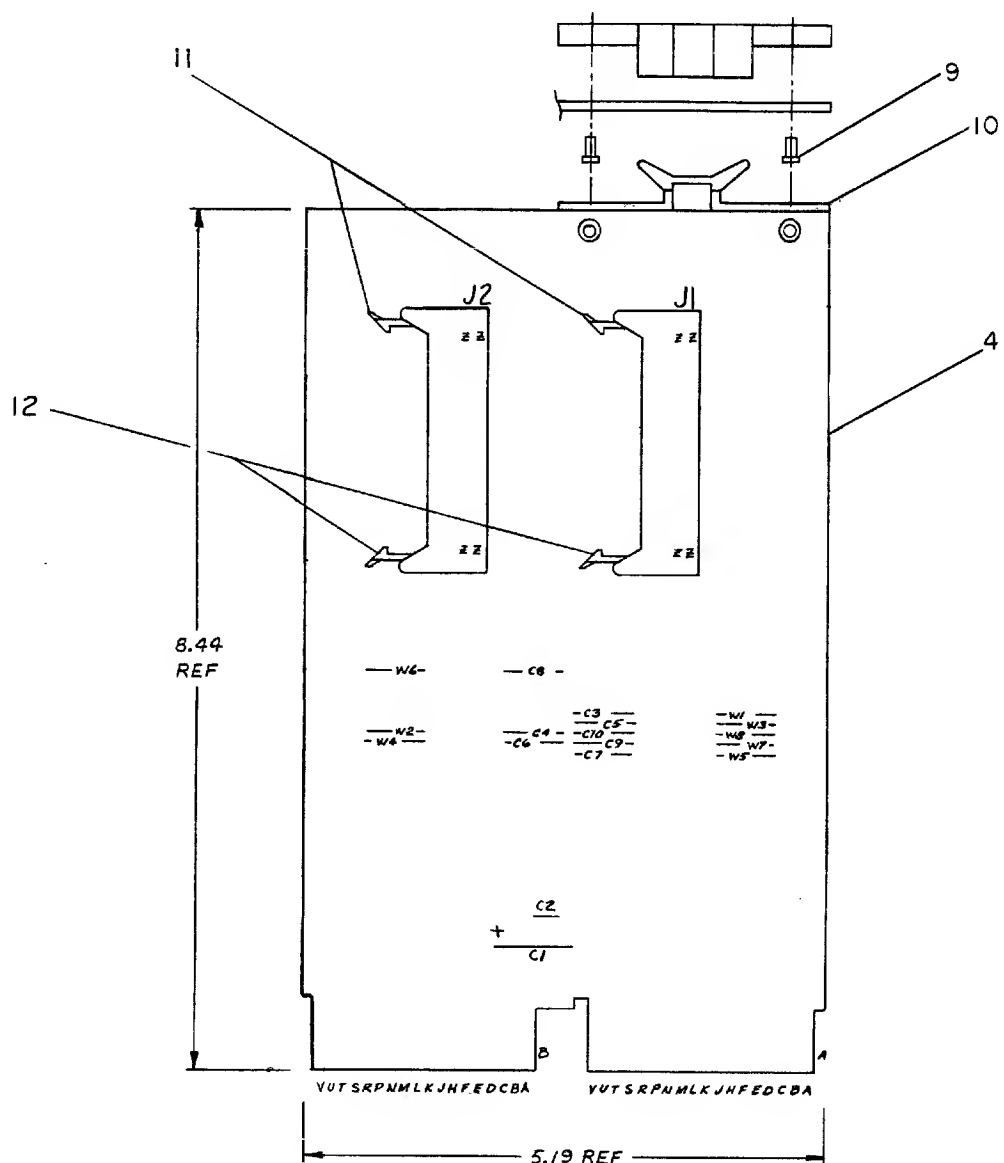


REV.
CHANGE NO.
CHK

FIRST USED ON OPTION/MODEL			QTY.	DESCRIPTION	PART NO.	ITEM NO.
DIMENSIONAL TOLERANCE			PARTS LIST			
DIMENSIONS ARE $\frac{\text{MILLIMETERS}}{\text{INCHES}}$ UNLESS OTHERWISE SPECIFIED			DRN. H. DANALJIAN	DATE 11-9-73	digital	
			CHK'D. F. CARBERRY	DATE 1-14-74		
			ENG. A. KORELITZ	DATE 1-14-74		
MILLIMETERS	INCHES	ANGLES	PROJ. ENG. A. KORELITZ	DATE 1-14-74	TITLE TU16 POWER SUPPLY	
X.XX ± 0.10 X.X ± 0.5 X ± 2	.XXX $\pm .005$.XX $\pm .02$.X $\pm .1$	$\pm 0^\circ 30'$	PROD. R. GOGUEN	DATE 1-14-75		
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY \checkmark		NEXT HIGHER ASSY.			
MATERIAL			SCALE $\frac{\text{---}}{\text{---}}$		SIZE CODE C/CS	NUMBER 5410451-0-1
FINISH			SHEET 4 OF 4		DIST.	REV. S

REV. S
NUMBER 5410451-0-1
SIZE CODE C/CS

NOTES:



REF		X-Y COORDINATE HOLE LOCATION	K-CO-M9001-0-4	1
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-M9001-YA-5	2
REF		MODULE ECO HISTORY *	B-MH-M9001-YA-6	3
1		ETCHED CIRCUIT BOARD	5010465	4
9	C2 THRU C10	CAP .01UF 100V 20% AXIAL	1001610	5
1	C1	CAP 6.8UF 35V 10% TANT	1005306	6
8	W1 THRU W8	JUMPER, INSULATED WIRE	9009185	7
2	J1, J2	CONN, 40 PIN	1209941-2	8
4		EYELET	9006732	9
2		HANDLE, FLIP-CHIP, MAGENTA	9008337-6	10
2		CONNECTOR LATCH, LEFT	1209941-3	11
2		CONNECTOR LATCH, RIGHT	1209941-4	12

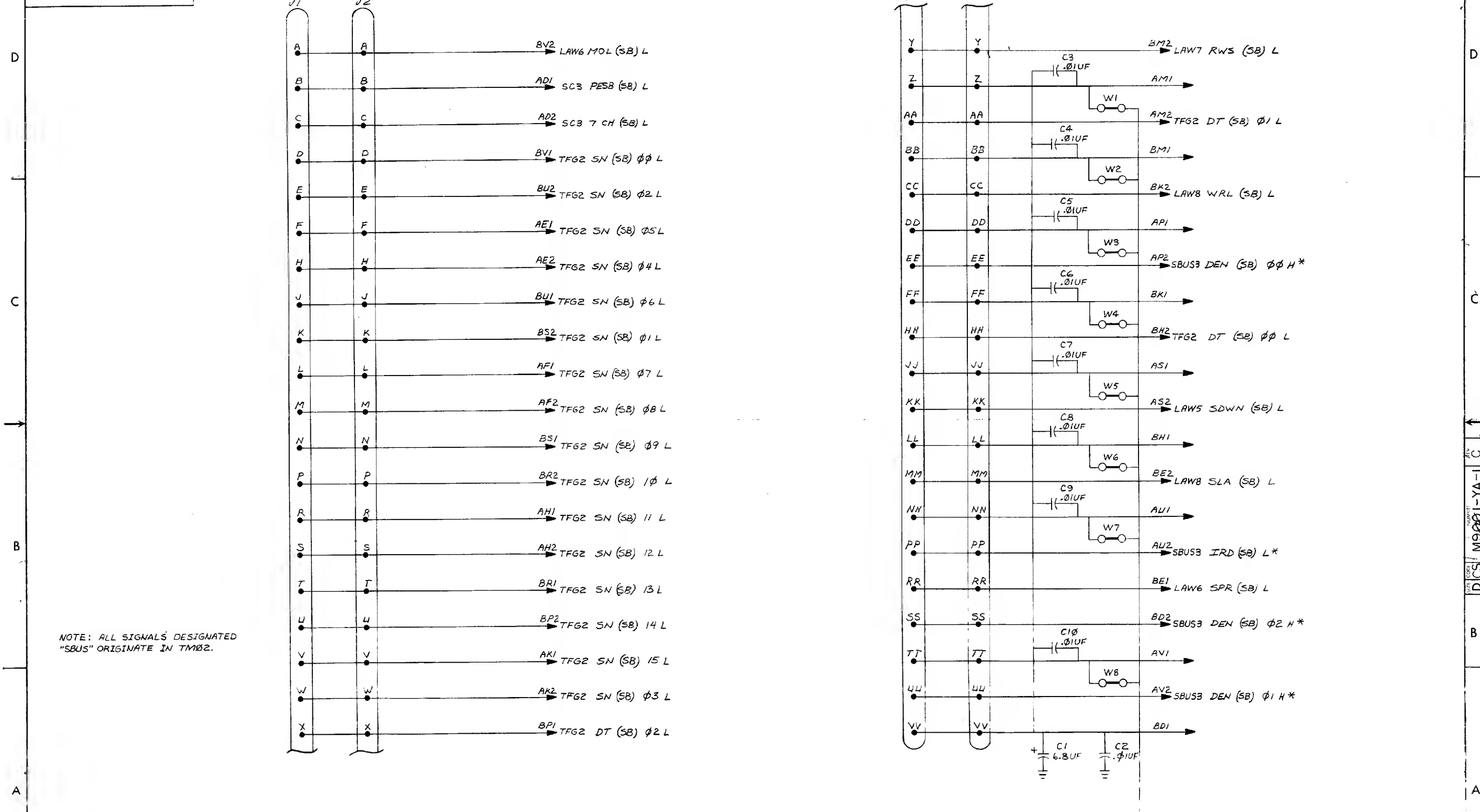
QTY	REF DESIGNATION	DESCRIPTION										PART NO.	ITEM NO.
PARTS LIST													
ETCH BOARD REV		C											
		DRN. <i>P. Ferguson</i>	DATE <i>3/4/74</i>	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> digital </div> <div> EQUIPMENT CORPORATION <small>WATYARD, MASSACHUSETTS</small> </div> </div>									
		CHKD. <i>J. Corbary</i>	DATE <i>3/3/74</i>										
		ENG. <i>J. Corbary</i>	DATE <i>3/5/74</i>										
		PROJ. ENG. <i>John R. Jones</i>	DATE <i>3-6-74</i>										
		PROJ. <i>P. Ferguson</i>	DATE <i>1-7-74</i>										
		NEXT HIGHER ASSY		TITLE <div style="text-align: center; font-size: 1.2em;">GEN PURPOSE CARD</div> <div style="text-align: center; font-size: 1.2em;">(E & F)</div>									
DEC NO.		EIA NO.		SIZE CODE		NUMBER		REV.					
				D/C		M9001-YA-1		C					
CONVERSION CHART				SHEET <i>1</i> OF <i>2</i>		DIST.							

digital

TITLE
GEN PURPOSE CARD
(F & F)

SIZE	CODE	NUMBER	RE
D	CS	M9001-YA-1	C

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REVISIONS													TITLE		SIZE	CODE	NUMBER	REV.
CHK	CHANGE NO	REV											GEN PURPOSE CARD (E & F)		D	CS	M9001-YA-1	C
													SCALE		SHEET 2	OF 2		

NOTES:


$$\begin{array}{r} \underline{C2} \\ + \\ \hline C1 \end{array}$$
8

7	
2	

1A

SIZE	CODE	NUMBER	10
10	10	10	10

8

7

6

5

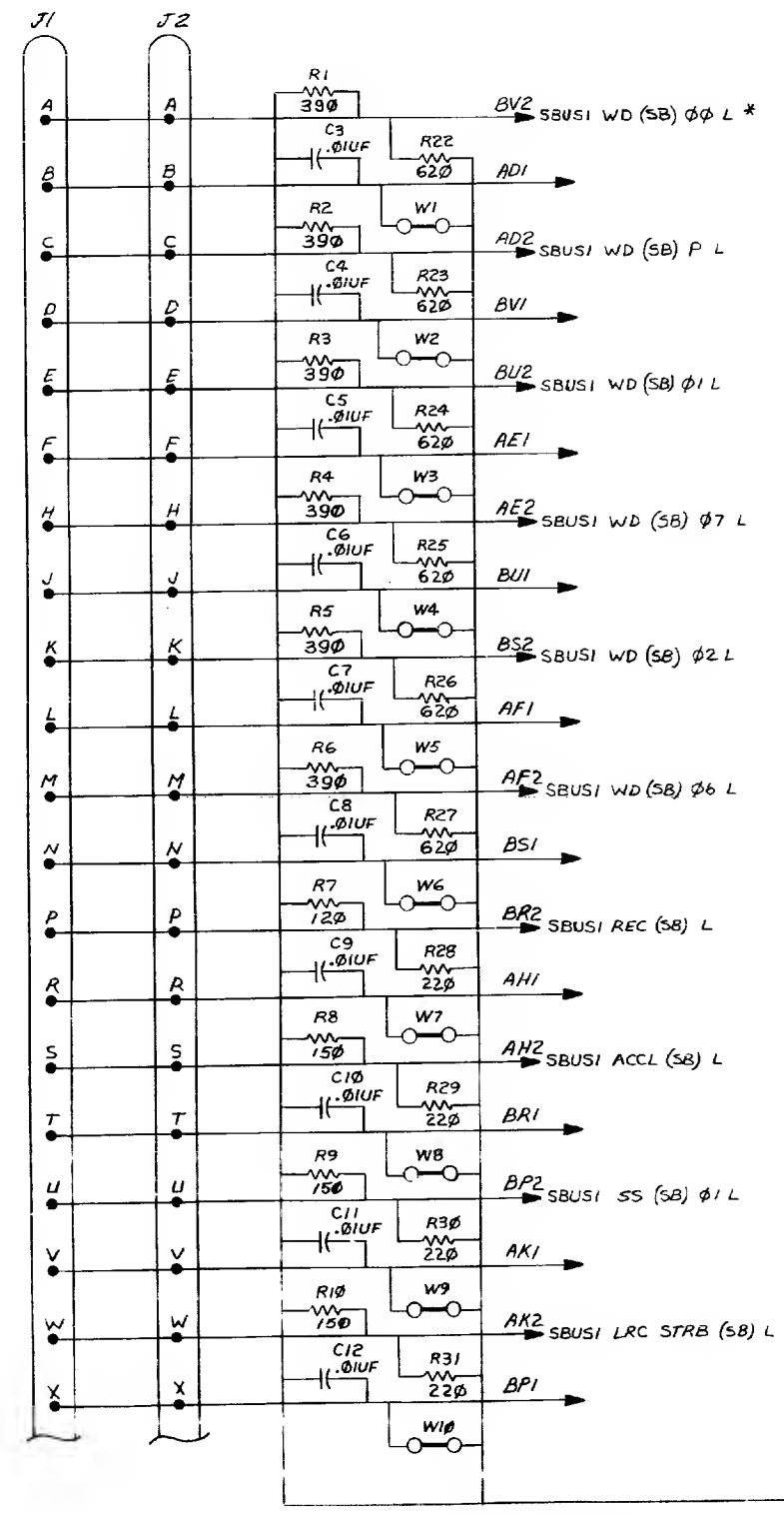
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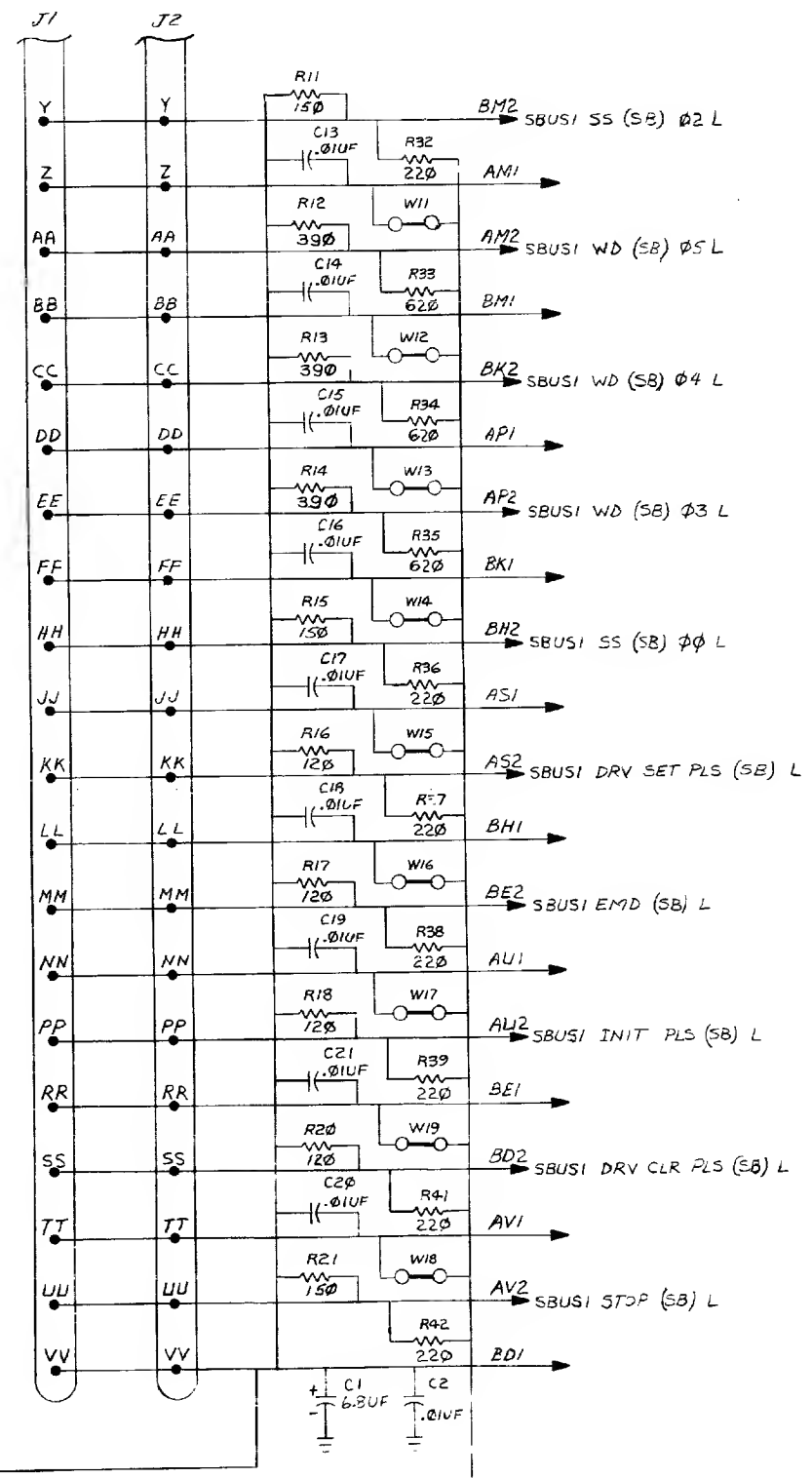
1-8A-1-006MSD 2

1

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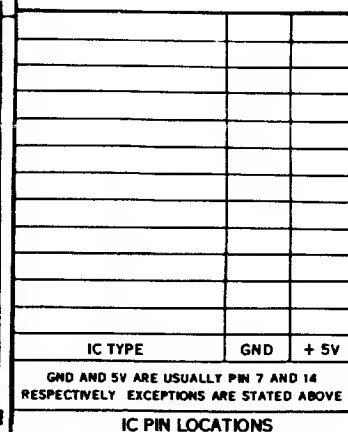
* NOTE: ALL SIGNALS ORIGINATE IN TM02



REVISIONS		
CHK	CHANGE NO	REV

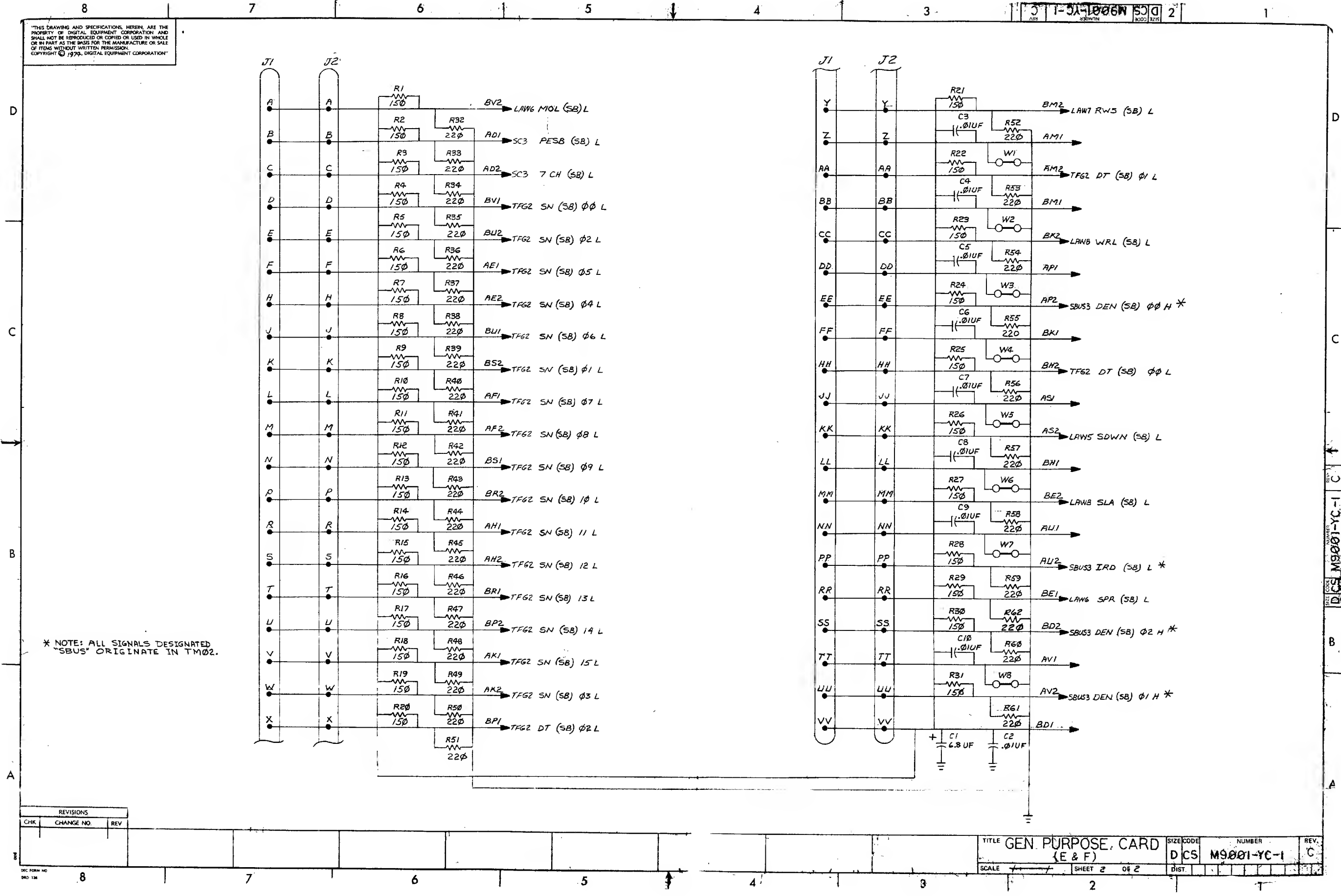
TITLE		SIZE	CODE	NUMBER		REV
GEN PURPOSE CARD		D	CS	M9001-YB-1		C
SCALE		SHEET 2 OF 2		DIST.		

NOTES:



QTY	REF DESIGNATION	DESCRIPTION				PART NO	ITEM NO
PARTS LIST							
ETCH BOARD REV	C						
		DRN	DATE	<div><div>digital</div><div>EQUIPMENT CORPORATION <small>UNITED STATES OF AMERICA</small></div></div> <div>TITLE GEN PURPOSE CARD (E + F)</div>			
		CHKD	DATE				
		ENG.	DATE				
		PROJ. ENG.	DATE				
		PROD.	DATE				
		NEXT HIGHER ASSY		<div>SIZE CODE D1CSM9001-YC-I</div> <div>NUMBER</div> <div>REV. C</div>			
DEC NO.	EIA NG.	SCALE					
		SHEET 1 OF 2					
CONVERSION CHART							

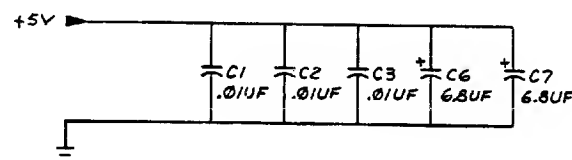
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REVISIONS		
CHK	CHANGE NO.	REV

TITLE GEN. PURPOSE CARD (E & F)		SIZE CODE DCS	NUMBER M9001-YC-1	REV. C
SCALE	SHEET 2 OF 2	DIST.		

NOTES:



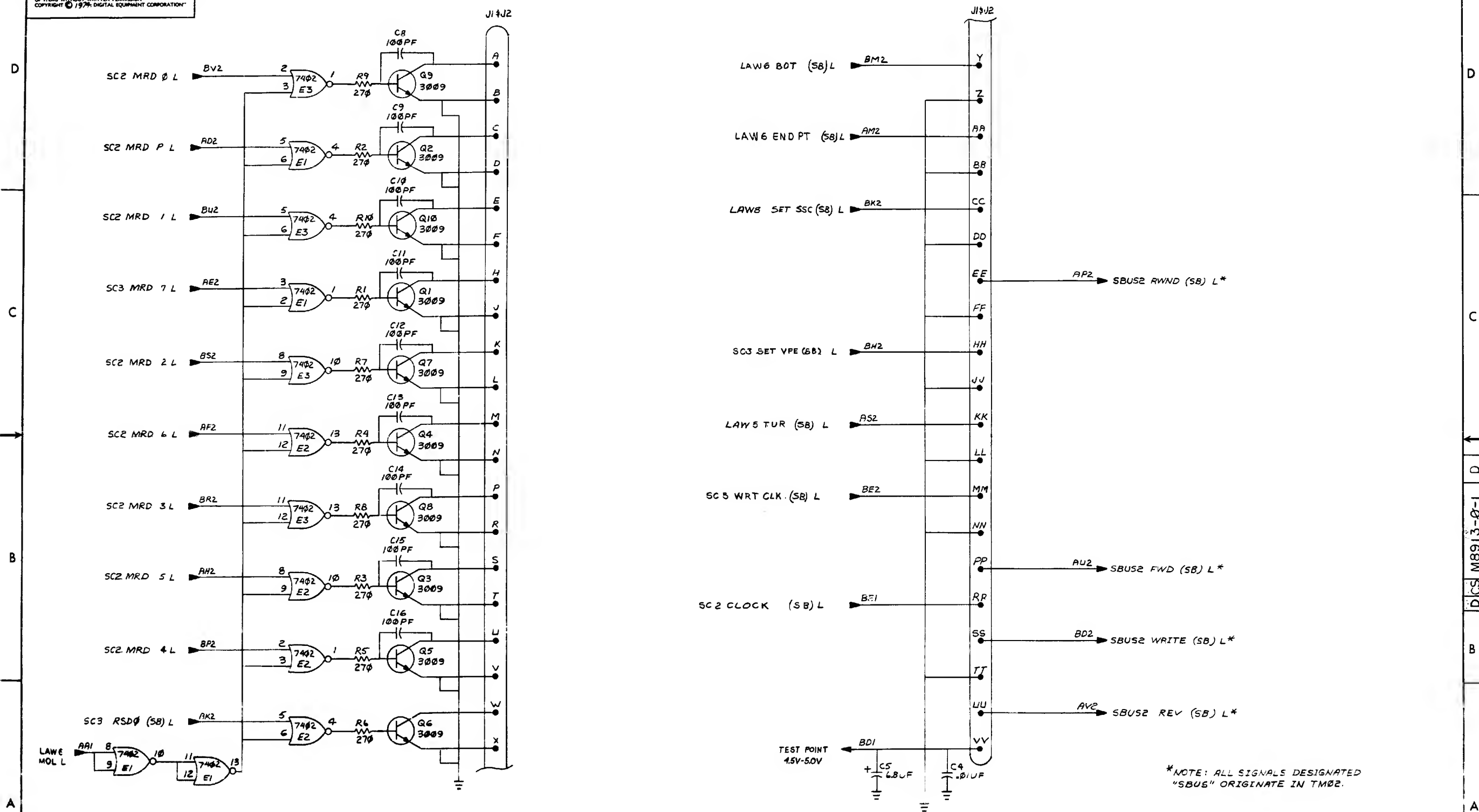
9/1/81	6-22-76	H. DRAB
H. Senemore	6-10-76	
6/2	MB913 - 00003	D
9/1/81	17-FEB-76	H. DRAB
9/1	23-54-76	
6/2	MB913 - 00003	C
DP 9/1	10-11-76	J. HESS
H. Senemore	5-23-75	
6/2	MB913 - 00002	B
9/1/81	5/3/78	H. DRAB
9/1	10-12-75	
3	MB913 - 00001	A
CHK	CHANGE NO	REV

FIRST USED ON OPTION MODEL		QTY		REF DESIGNATION		DESCRIPTION		PART NO.		IN	
TU16		ETCH BOARD REV		B		PARTS LIST					
REVISIONS						DRN	DATE	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> digital </div> <div style="display: inline-block; vertical-align: top; margin-left: 10px;"> EQUIPMENT CORPORATION <small>MAYNARD, MASSACHUSETTS</small> </div>	TITLE	<div style="text-align: center; font-size: 24px; font-weight: bold;">DATA DRIVER</div> <div style="text-align: center; font-size: 18px; font-weight: bold;">(SLOT C/P)</div>	<div style="display: flex; justify-content: space-between;"> <div>SIZE CODE</div> <div>NUMBER</div> <div>REV.</div> </div> <div style="display: flex; justify-content: space-between; font-size: 18px; font-weight: bold;"> <div>DJCS</div> <div>M8913-0-1</div> <div>D</div> </div>
						CHD	DATE				
						ENG	DATE				
						PROJ ENG	DATE				
						DESIGN	DATE				
						PROD	DATE				
DEC NO.		EIA NO.		DEC NO.		EIA NO.		SEMICONDUCTOR CONVERSION CHART			
								<div style="display: flex; justify-content: space-between;"> <div>SCALE</div> <div>1</div> <div>2</div> </div> <div style="display: flex; justify-content: space-between;"> <div>SHEET</div> <div>1</div> <div>OF 2</div> </div>			

REF		X-Y COORDINATE HOLE LOCATION	K-CO-M8913-0-4	1
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-M8913-0-5	2
REF		MODULE ECO HISTORY	B-MH-M8913-0-6	3
1		ETCHED CIRCUIT BOARD	5010980	4
2	J1, J2	CONN 40 PIN	1209941-2	5
4	C1 THRU C4	CAP .01UF 100V 20% DISK	1001610-01	6
3	C5, C6, C7	CAP 6.8UF 35V 10% TANT	1005306	7
3	E1, E2, E3	IC 7402	1909004	8
10	Q1 THRU Q10	TRANSISTOR 3009B	1503100	9
10	R1 THRU R10	RES 270 1/4W 5%	1301972	10
4		EYELET	90C6732	11
2		HANDLE, FLIP-CHIP, MAGENTA	9008337-6	12
2	C8 THRU C16	CAP 100PF 100V 5% DM	1000016	13
2		CONNECTOR LATCH, LEFT	1209941-3	14
2		CONNECTOR LATCH, RIGHT	1209941-4	15

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1-0-3168W SC D 2

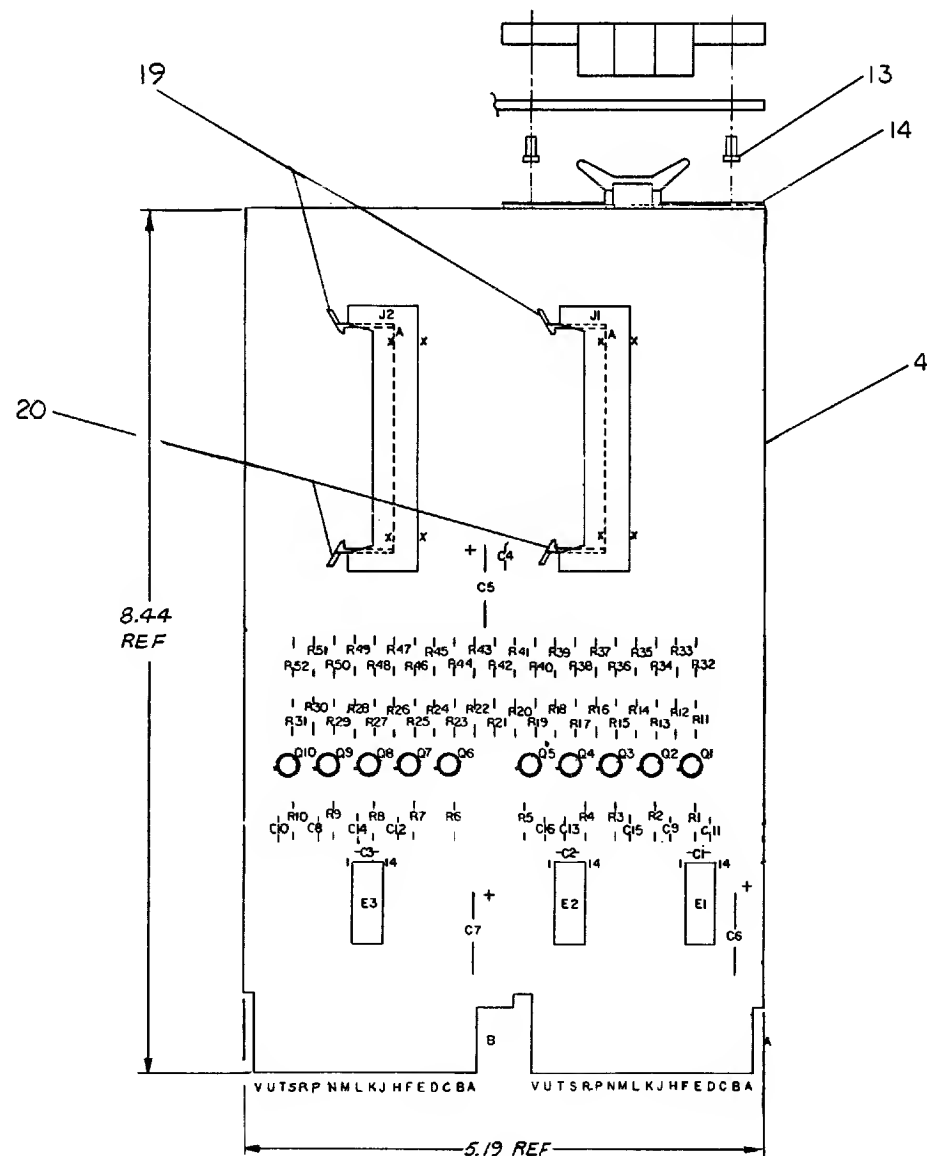


REVISIONS		
CHK	CHANGE NO	REV


TITLE	SBUS2 DATA DRIVER (SLOT C/P)	SIZE CODE	NUMBER	REV.
SCALE	SHEET 2 OF 2	DIST.	D CS M8913-0-1	D

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NOTES:



REF		X-Y COORDINATE HOLE LOCATION	K-CO-M8913-0-4	1
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-M8913-YA5	2
REF		MODULE ECO HISTORY	B-MH-M8913-YA6	3
1		ETCHED CIRCUIT BOARD	5010980	4
2	U1, U2	CONN 40 PIN	1209941-02	5
4	C1 THRU C4	CAP .01UF 100V 20% DISC	1001610-01	6
3	C5, C6, C7	CAP 6.8UF 35V 10% TANT	1005306	7
3	E1, E2, E3	IC 7402	1909004	8
10	Q1 THRU Q10	TRANSISTOR 3009B	1503100	9
9	C8 THRU C16	CAP 100PF 100V 5% DM	1000016	10
21	R32 THRU R52	RES 220 1/4W 5%	1300271	11
10	R1 THRU R10	RES 270 1/4W 5%	1301972	12
4		EYELET	9006732	13
2		HANDLE, FLIP-CHIP, MAGENTA	9008337-6	14
11	R12, R14, R16, R18, R20, R21, R22, R24, R26, R28, R30	RES 150 1/4W 5%	1300250	15
10	R11, R13, R15, R17, R19, R23, R25, R27, R29, R31	RES 120 1/4W 5%	1300247	16
				17
				18
2		CONNECTOR LATCH, LEFT	1209941-3	19
2		CONNECTOR LATCH, RIGHT	1209941-4	20

QTY	REF DESIGNATION		DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST					
ETCH BOARD REV	B				
		DRN <i>R. Gagnon</i>	DATE 3/11/79	 EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
		CHK'D <i>J. Hartney</i>	DATE 3/6/79		
		ENG. <i>Mary Sue Gagnon</i>	DATE 3-6-79		
		PROJ. ENG. <i>John P. Hite</i>	DATE 2-6-79		
		PROD'G. <i>R. Gagnon</i>	DATE 2-2-79		
		NEXT HIGHER ASSY			
DEC NO.	EIA NO.	SIZE CODE		NUMBER	REV.
CONVERSION CHART		D/C		M8913-YA-1	C
SHEET 1	DF 2	DIST.			

IC TYPE	GND	+ 5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.		
IC PIN LOCATIONS		

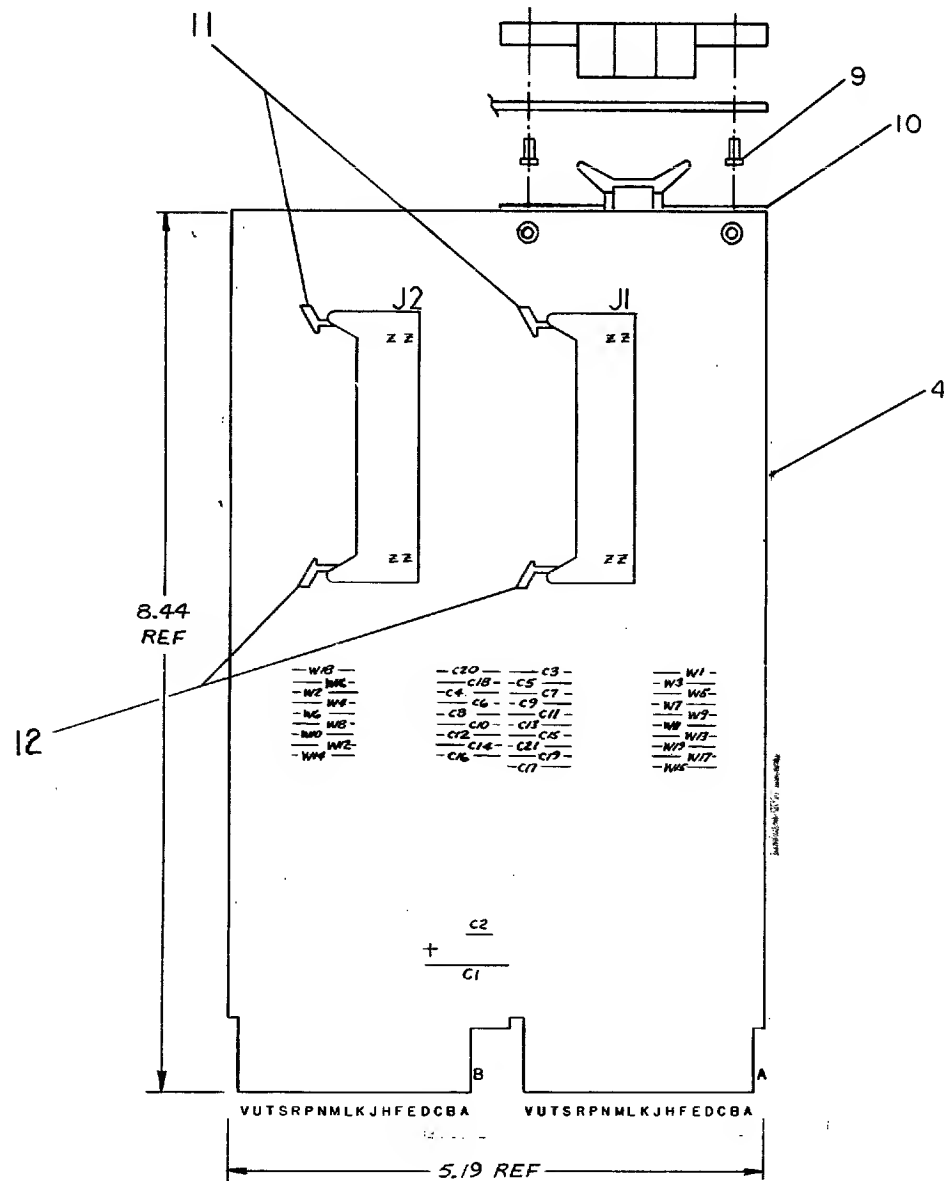


REVISIONS										TITLE DATA DRIVER SBUS 2 (SLOT C/P)		SIZE CODE DCS	NUMBER M8913-YA-1	REV. C	
CHK.	CHANGE NO.	REV.									SCALE 1 - 1/2"	SHEET 2 OF 2	DIST.		
			8	7	6	5	4	3	2	1					

DOC FORM NO 4949, 1-68

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NOTES:



REF	X-Y COORDINATE HOLE LOCATION	K-CO-M9001-0-4	1
REF	ASSY/DRILLING HOLE LAYOUT	D-AH-M9001-0-5	2
REF	MODULE ECO HISTORY	B-MH-M9001-0-6	3
1	ETCHED CIRCUIT BOARD	5010465	4
20	C2 THRU C21	CAP .01UF 100V 20% AXIAL	1001610
1	C1	CAP 6.8UF 35V 10% TANT	1005306
19	W1 THRU W13	JUMPER, INSULATED WIRE	9009185
2	J1, J2	CONN, 40 PIN	1209941-2
4	EYELET		9006732
2	HANDLE, FLIP-CHIP, MAGENTA		9008337-6
2	LATCH, LEFT		1209941-3
2	LATCH, RIGHT		1209941-4

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
TU16				
ETCH BOARD REV C				
FIRST USED ON OPTION MODEL				
SEMICONDUCTOR CONVERSION CHART				
DEC NO.	EIA NO.	DEC NO.	EIA NO.	
SCALE 1 OF 2				
SHEET 1 OF 2				
NEXT HIGHER ASSY				
DIGITAL EQUIPMENT CORPORATION				
TITLE GEN PURPOSE CARD (A & B)				
SIZE CODE M9001-0-1				
REV. C				

IC TYPE	GND	+5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.		
IC PIN LOCATIONS		

8

7

6

5

4

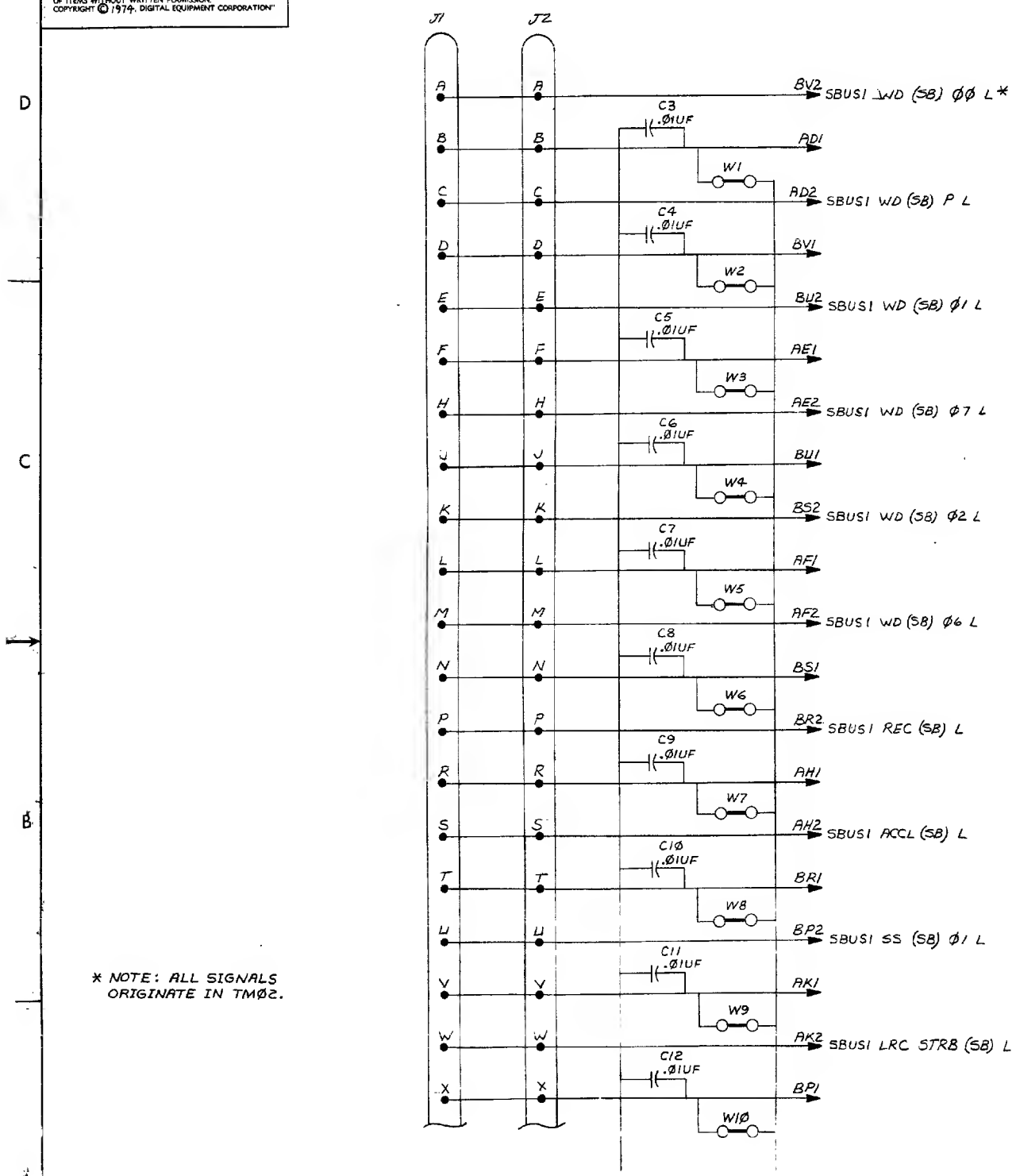
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1-0-1006W

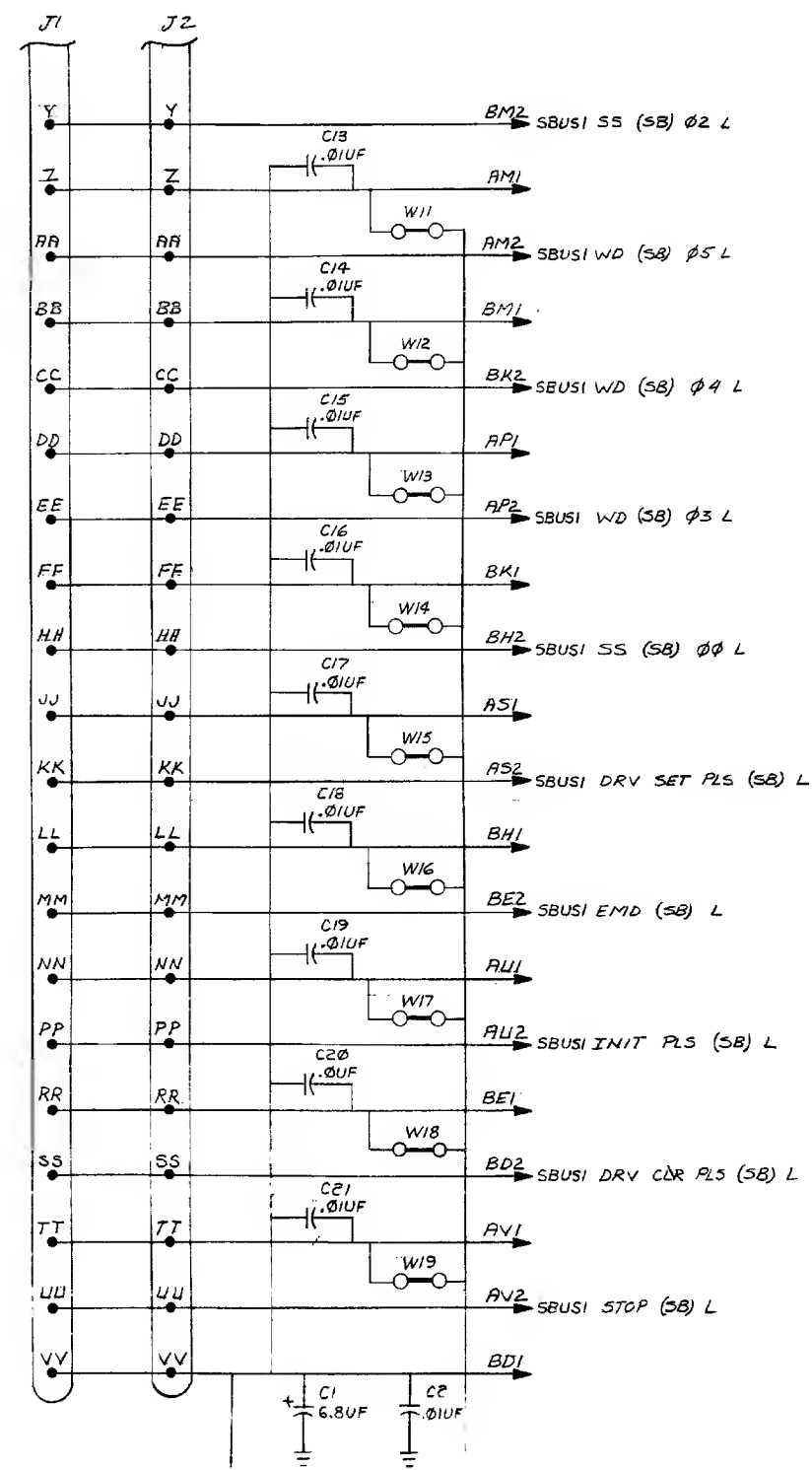
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1

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* NOTE: ALL SIGNALS ORIGINATE IN TM02.



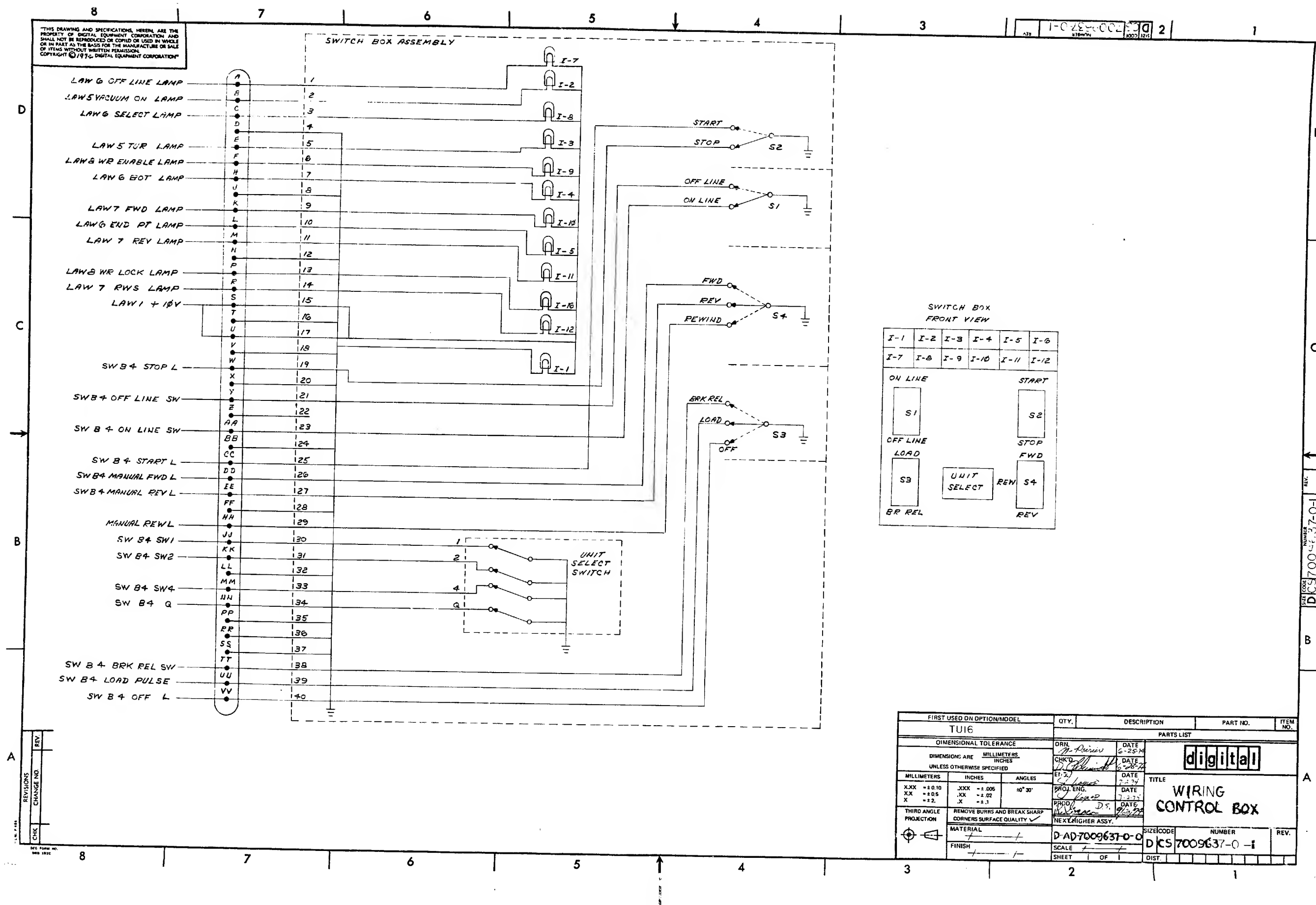
REVISIONS		
CHK	CHANGE NO	REV

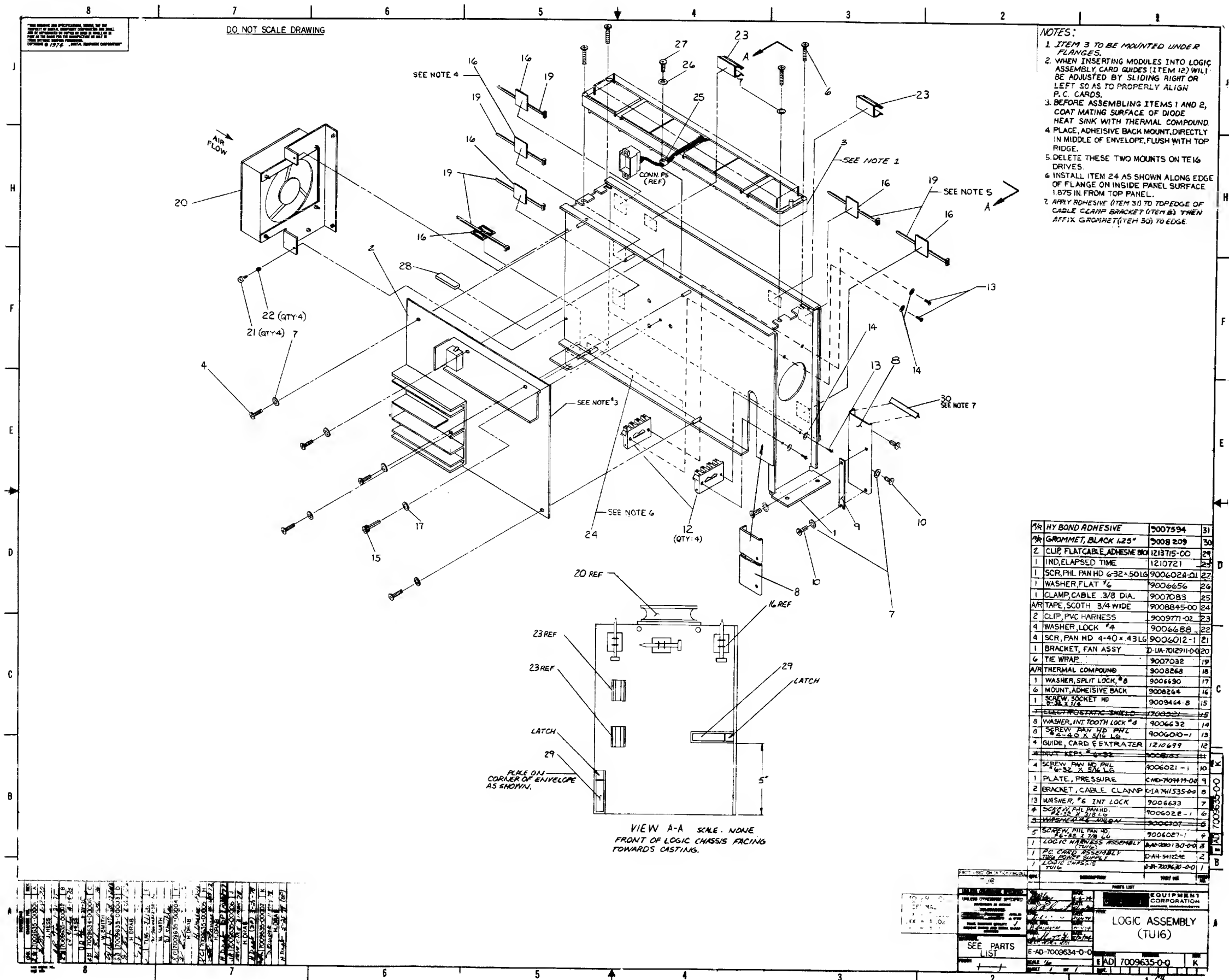
TITLE GEN PURPOSE CARD
(A & B)

SIZE CODE DCS
NUMBER M9001-0-1

REV. C

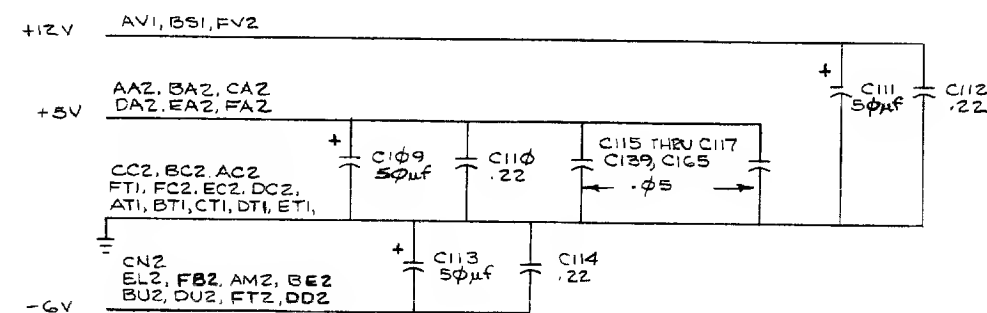
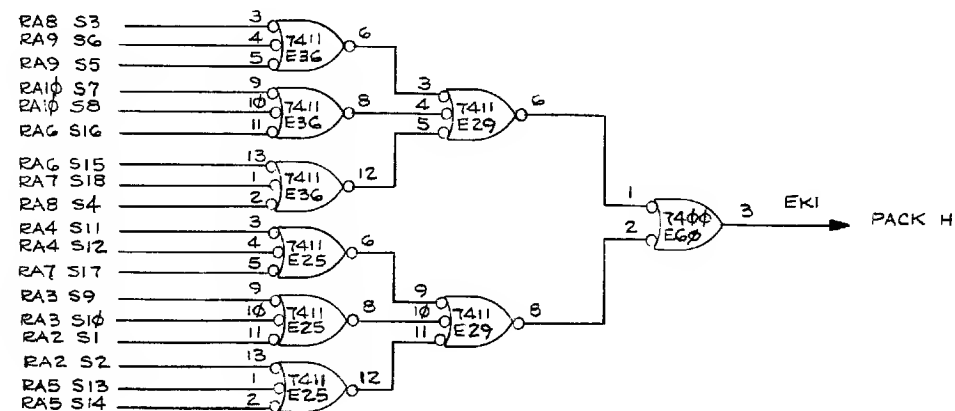
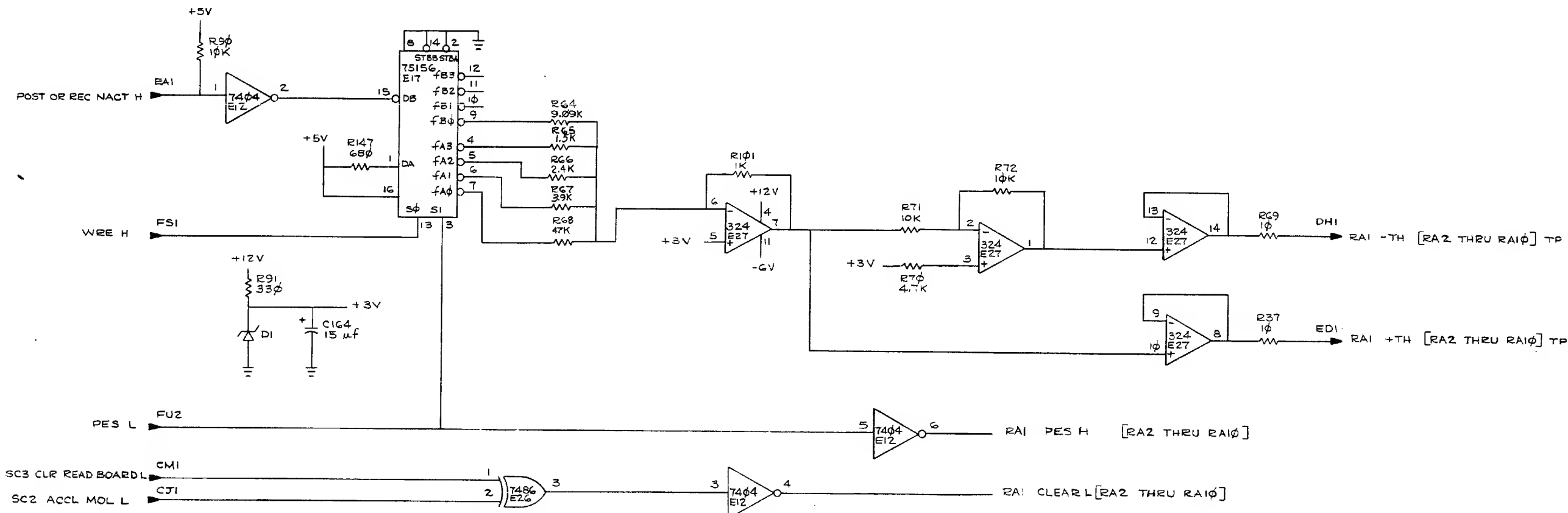
SCALE SHEET 2 OF 2





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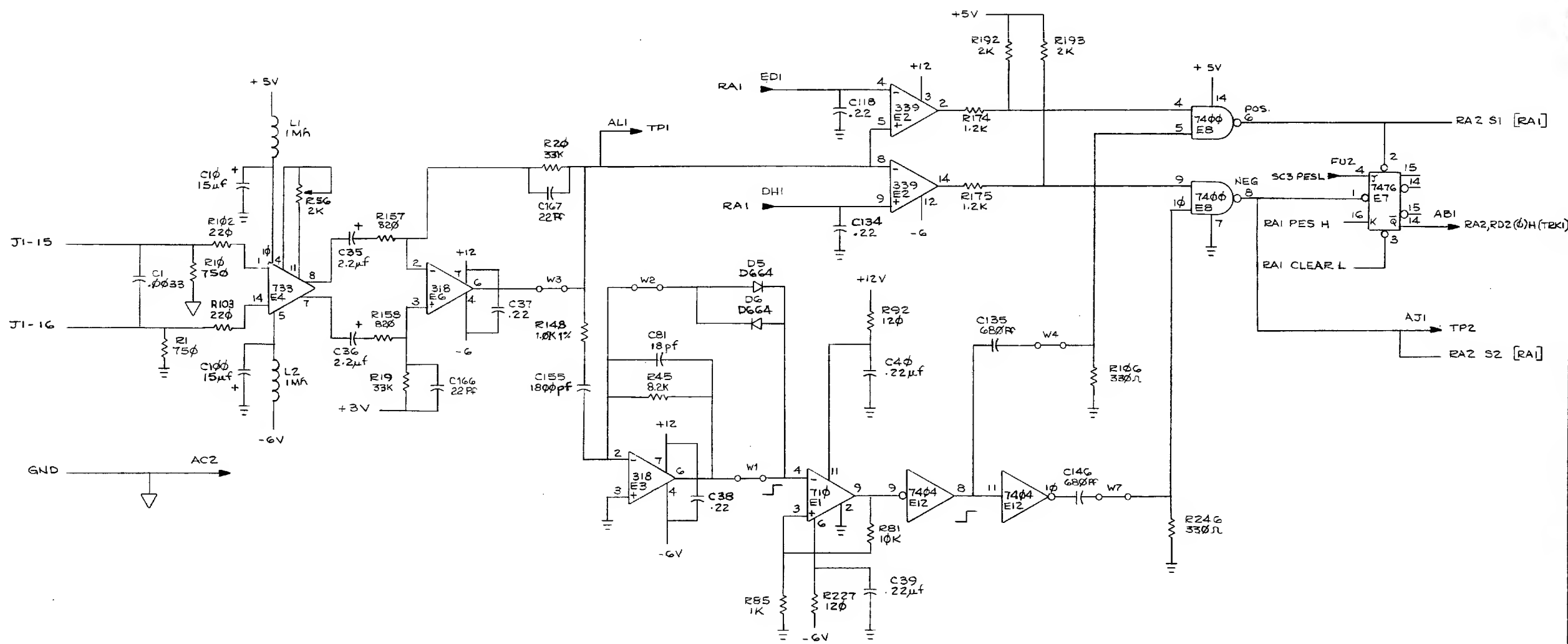
NOTE:
1. ALL RESISTORS ARE 1/4W, ±5%
UNLESS OTHERWISE SPECIFIED



REV.	CHG.	NO.	DATE	BY	CHKD.	DATE
1		1	10/1/76	H. DRAB		
2		2	10/1/76	H. DRAB		
3		3	10/1/76	H. DRAB		
4		4	10/1/76	H. DRAB		
5		5	10/1/76	H. DRAB		
6		6	10/1/76	H. DRAB		
7		7	10/1/76	H. DRAB		
8		8	10/1/76	H. DRAB		
9		9	10/1/76	H. DRAB		
10		10	10/1/76	H. DRAB		

DRN. 100-100000	8/17/76	FIRST USED ON	TU16	digital
CHKD. 100-100000	10/1/76	TITLE	9TK TU16 READ AMP (RA1)	
ENG. H. P. 100-100000	10/1/76	PROJ. ENG. H. P. 100-100000	10/1/76	
PROD. 100-100000	10/1/76	NEXT HIGHER ASSY.		
SCALE 100-100000	10/1/76	SIZE CODE	D CS	
SHEET 1 OF 10		NUMBER	G066-0-1	
		REV.	F	

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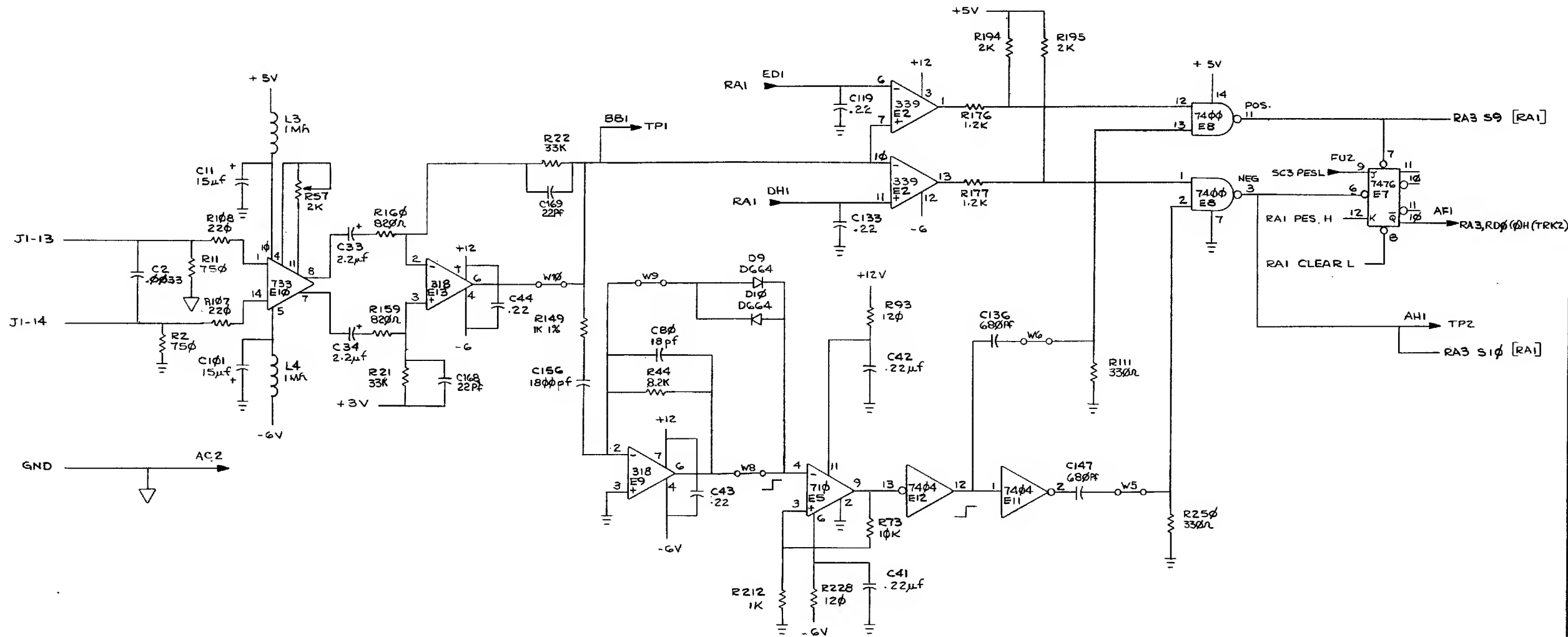


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE 9TK TU16 READ AMP (RA2)		SIZE CODE D CS	NUMBER G066-0-1	REV. F
SCALE	SHEET 2 OF 10	DIST.		

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1-0-9909 SCD 2

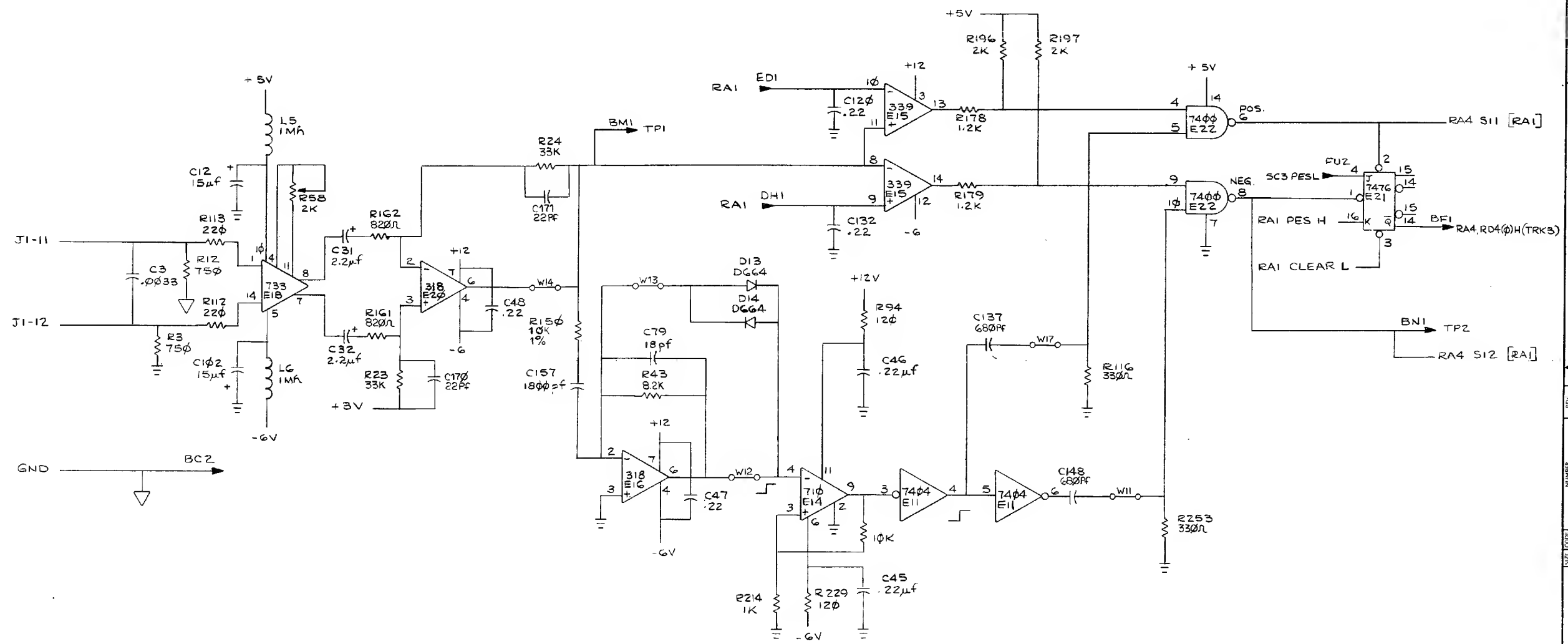


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		97K TU16	SIZE	CODE	NUMBER	REV.
		READ AMP (RA3)	D	CS	G066-0-1	F
SCALE		SHEET 3 OF 10				

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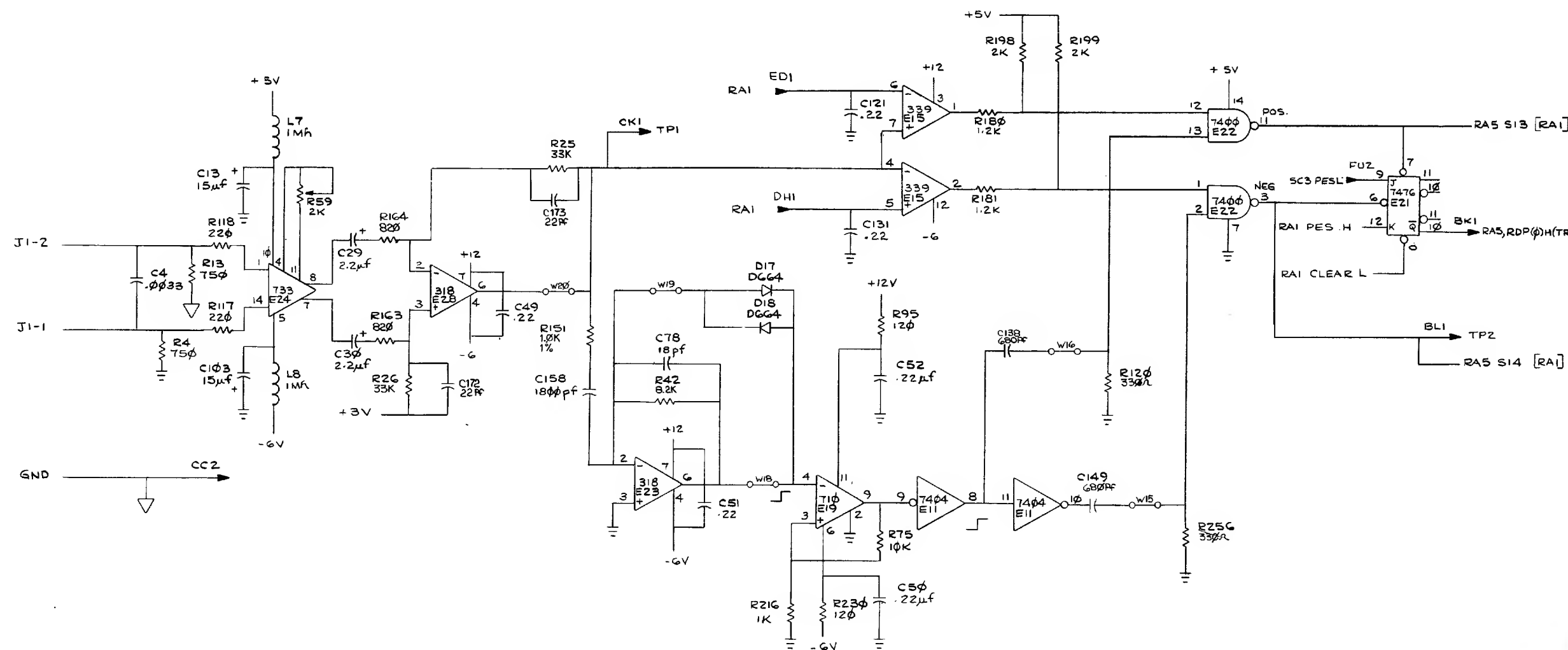
1-0-9909 2



REVISIONS		
CHK	CHANGE NO.	REV.

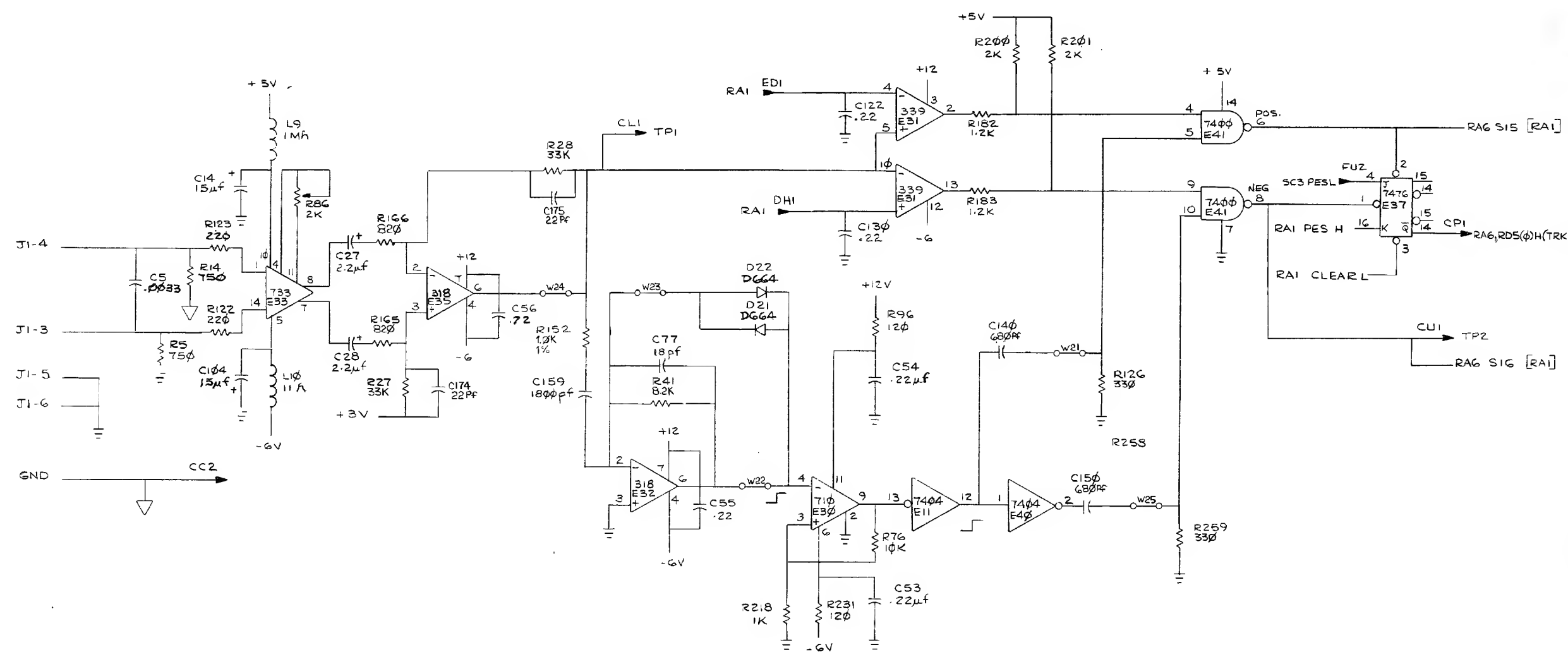
TITLE 9TK TU16 READ AMP (RA4)		SIZE CODE DCS G066-0-1	NUMBER 1	REV. F
SCALE 1/1		SHEET 4 OF 10		

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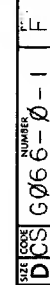


REVISIONS		
CHK	CHANGE NO.	REV.

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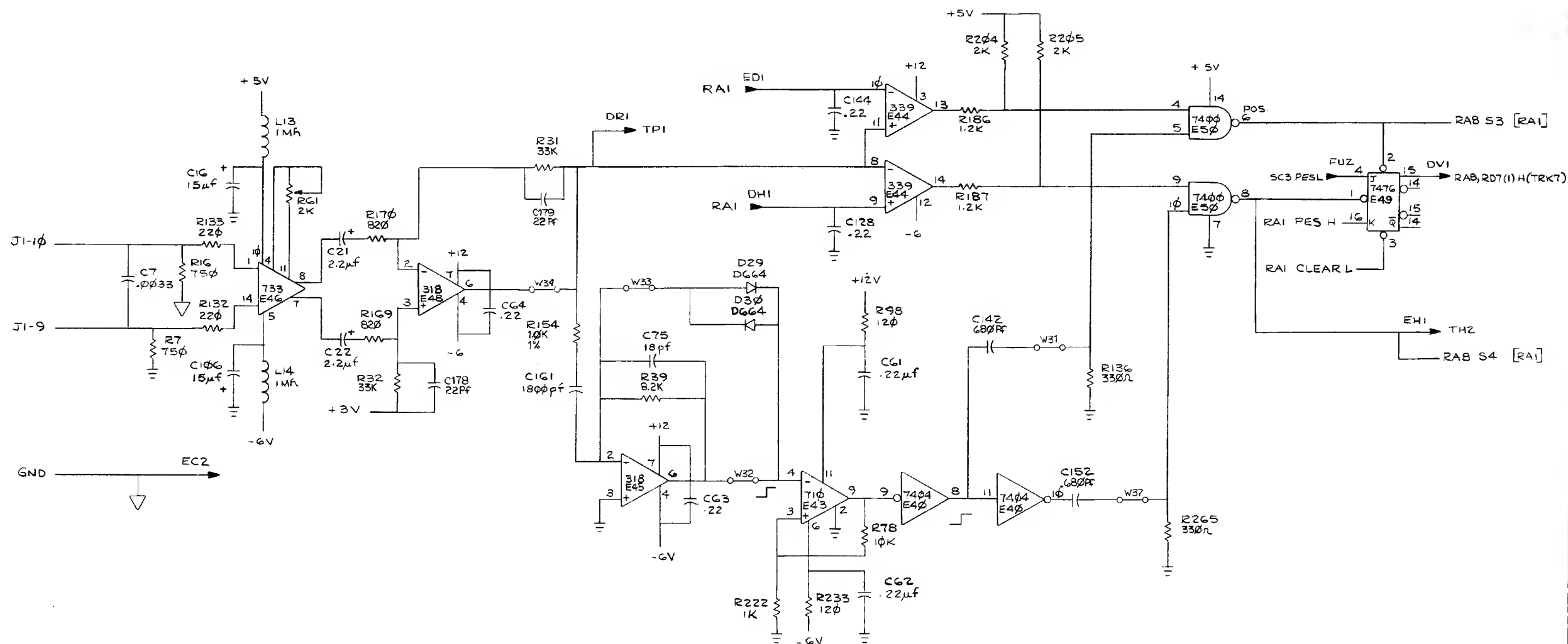
REVISIONS		
CHK	CHANGE NO.	REV.



TITLE	9TK TUIG READ AMP (RA7)	SIZE	CODE	NUMBER	REV.
SCALE	1/8"	SHEET	7 OF 10	D CS G066-0-1	F

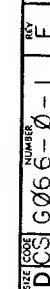
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1-0-9909 2



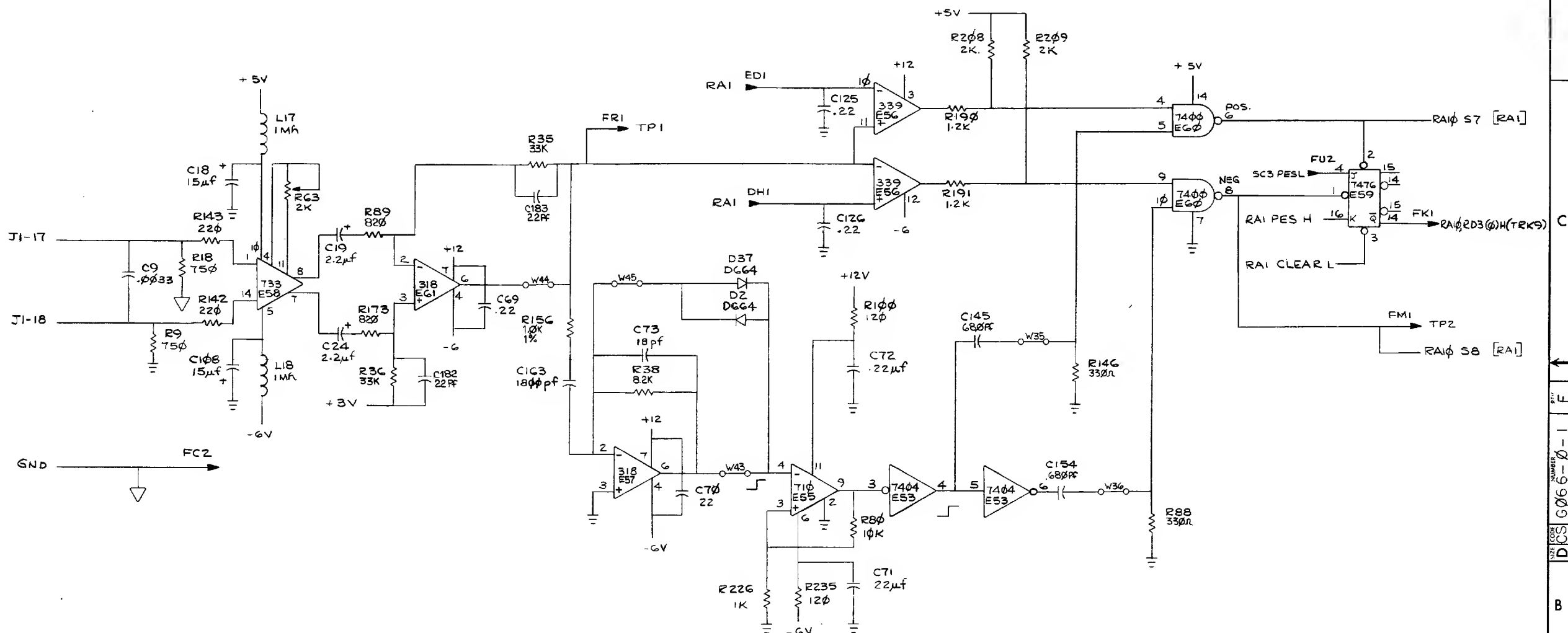
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	9TK TU16 READ AMP (RA8)	SIZE/CODE	NUMBER	REV.
SCALE	SHEET 8 OF 10	DIST.		



TITLE		9TK TUIG READ AMP (RA9)		SIZE	CODE	NUMBER		REV
				D	CS	G066-0-1		F
SCALE	1/4	SHEET	9	OF	10	DIST.		

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REVISIONS		
CHK	CHANGE NO	REV.

TITLE 9TK TU16 READ AMP (RA10)		SIZE CODE DCS G066-0-1	NUMBER 1	REV. F
SCALE	SHEET 1 OF 1	DIST.		

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REVISIONS		REV.
CHK	CHANGE NO.	
28	TUI6 - 00010	A
C. Dwyer 5-5-75		
J. HESS		
28	TUI6 - 00013	B
C. Dwyer 7-25-75		
J. HESS		
28	TUI6 - 00021	C
P. Dwyer 25 JUN 76		
H. DRAB		
28	TUI6 - 00022	D
C. Dwyer 6 Jul 76		
H. DRAB		
28	TUI6 - 00027	E
H. DRAB 2 Aug 76		
28	TUI6 - 00030	F
H. DRAB 3 MAR 77		
H. DRAB 3-4-77		

FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
TUI6					
PARTS LIST					
DRN.	DATE	<div>digital</div> <div>EQUIPMENT CORPORATION</div> <div>MAYNARD, MASSACHUSETTS</div> <div>TITLE</div> <div>WIRE LIST</div> <div>(TUI6)</div>			
CHK'D.	DATE				
ENG.	DATE				
PROB. ENG.	DATE				
PROD.	DATE				
NEXT HIGHER ASSEMBLY					
D-AD-7009605-0-0					
SCALE		SIZE	CODE	NUMBER	REV.
SHEET	OF	K	WL	TUI6-Ø-WL	F
		DIST.			

TU16.F RUN NAME	WRAP0 .V35(74)-1 A/P PIN OROER NAME PIN	28-Jan-77 BAY - Q ORDER	DRAW RV RG Y X Z OPT	REMARKS	24-Feb-77	13108 NC LENGTH FLAG	PAGE 1 EXCEPTIONS	RUN NUMBER
+12V	.A04V						1-PIN RUN	1
+5V	B04A2	1-01 *	1			N 3-5/8		2
+5V	B02V1	1-02 *						2
+5V		1				3-5/8		2
-6V	A01A1	1-01 *	1			N 2-7/8		3
-6V	A04M2	1-02 *						3
-6V		1				2-7/8		3
1ST ONE SHOT L	A03S1	1-01 *	1			N 8-1/8		4
1ST ONE SHOT L	O02K1	1-02 *						4
1ST ONE SHOT L		1				8-1/8		4
3RD ONE SHOT H	B03B2	1-01 *	1			N 0-5/8		5
3RD ONE SHOT H	B03C1	1-02 *						5
3RD ONE SHOT H		1				0-5/8		5
4TH ONE SHOT H	A03U1	1-01 *	1			N 8-1/8		6
4TH ONE SHOT H	O02M1	1-02 *						6
4TH ONE SHOT H		1				8-1/8		6
4TH ONE SHOT L	B03F1	1-01 *	2			N 2-1/8		7
4TH ONE SHOT L	B03V2	1-02 *						7
4TH ONE SHOT L		1				2-1/8		7
7CH (SB) L	C03L2	1-01 *	1			N 5-7/8		8
7CH (SB) L	E01D2	1-02 *						8
7CH (SB) L		1				5-7/8		8
7TRK H	C03T1	1-01 *	1			N 0-4/8		9
7TRK H	C03T2	1-02 *						9
7TRK H		1				0-4/8		9
ACCL (SB) L	A01H2	1-01 *	1			N 7-3/8		10
ACCL (SB) L	C03P2	1-02 *						10
ACCL (SB) L		1				7-3/8		10
ACCL L	C04J1	1-01 *	1			N 2		11
ACCL L	C03U1	1-02 *						11
ACCL L		1				2-0/8		11
B01 (SB) L	D01M2	1-01 *	1			N 6-5/8		12
B01 (SB) L	B02H2	1-02 *						12
B01 (SB) L		1				6-5/8		12
B01 H	C02H1	1-01 *	1			N 3-5/8		13
B01 H	D03F1	1-02 *						13
B01 H		1				3-5/8		13
CLEAR READ BOARD L	C03V1	1-01 *	1			N 1-5/8		14
CLEAR READ BOARD L	C04M1	1-02 *						14
CLEAR READ BOARD L		1				1-5/8		14

TU16.F RUN NAME	WRAP0 .V35(74)-1 A/P PIN OROER NAME PIN	28-Jan-77 BAY - Q ORDER	DRAW RV RG Y X Z OPT	REMARKS	24-Feb-77	13108 NC LENGTH FLAG	PAGE 2 EXCEPTIONS	RUN NUMBER
CLK L	O01A1	1-01 *	2			N 1		15
CLK L	O02C1	1-02 *	1			N 1		15
CLK L	D03C1	1-03 *						15
CLK L		1				2-0/8		15
CLOCK (SB) L	O01E1	1-01 *	1			N 3-4/8		16
CLOCK (SB) L	C03M2	1-02 *						16
CLOCK (SB) L		1				3-4/8		16
OEN (SB) 00 H	C03J2	1-01 *	1			N 7-3/8		17
OEN (SB) 00 H	B01P2	1-02 *						17
OEN (SB) 00 H		1				7-3/8		17
OEN (SB) 01 H	O03E1	1-01 *	1			N 5-1/8		18
OEN (SB) 01 H	E01V2	1-02 *						18
OEN (SB) 01 H		1				5-1/8		18
OEN (SB) 02 H	C03U2	1-01 *	1			N 7-5/8		19
OEN (SB) 02 H	F0102	1-02 *						19
OEN (SB) 02 H		1				7-5/8		19
ORV CLR PLS (SB) L	B0102	1-01 *	1			N 7-7/8		20
ORV CLR PLS (SB) L	E02A1	1-02 *						20
ORV CLR PLS (SB) L		1				7-7/8		20
ORV SET PLS (SB) L	A01S2	1-01 *	1			N 1		21
ORV SET PLS (SB) L	A02S2	1-02 *						21
ORV SET PLS (SB) L		1				1-0/8		21
OT (SB) 00 L	F01H2	1-01 *	1			N 1-4/8		22
OT (SB) 00 L	F03H2	1-02 *						22
OT (SB) 00 L		1				1-4/8		22
OT (SB) 01 L	E01M2	1-01 *	1			N 1-6/8		23
OT (SB) 01 L	E03V1	1-02 *						23
OT (SB) 01 L		1				1-6/8		23
OT (SB) 02 L	F01P1	1-01 *	1			N 2-1/8		24
OT (SB) 02 L	F03K2	1-02 *						24
OT (SB) 02 L		1				2-1/8		24
OT L	F03A1	1-01 *	2			N 1-3/8		25
OT L	F03J1	1-02 *	1			N 1-4/8		25
OT L	F03T1	1-03 *						25
OT L		1				2-7/8		25
EMO (SB) L	B01E2	1-01 *	1			N 5-1/8		26
EMO (SB) L	C03S2	1-02 *						26
EMO (SB) L		1				5-1/8		26
END PT (SB) L	C01M2	1-01 *	1			N 5-7/8		27
END PT (SB) L	A02P2	1-02 *						27
END PT (SB) L		1				5-7/8		27

TU16.F RUN NAME	WRAPD .V35(74)-1 A/P PIN ORDER NAME PIN	28-Jan-77 BAY - Q ORDER	DRAW OPT	RV RG Y	X Z	REMARKS	24-Feb-77	13:08 NC LENGTH FLAG	PAGE 3 EXCEPTIDNS	RUN NUMBER
FWD (SB) L	A02U2	1-01 *			1			N 6-1/8		28
FWD (SB) L	C01U2	1-02 *								28
FWD (SB) L		1						6-1/8		28
FWD H	D03D1	1-01 *			1			N 4-3/8		29
FWD H	E02N1	1-02 *								29
FWD H		1						4-3/8		29
GND	F03C1	1-01 *			1			N 0-4/8		30
GND	F03C2	1-02 *			2			N 0-5/8		30
GND	F03F1	1-03 *								30
GND		1						1-1/8		30
INIT L	B03N2	1-01 *			1			N 8-7/8		31
INIT L	E02R2	1-02 *								31
INIT L		1						8-7/8		31
INIT PLS (SB) L	A01U2	1-01 *			1			N 9-7/8		32
INIT PLS (SB) L	E02F1	1-02 *								32
INIT PLS (SB) L		1						9-7/8		32
INTERCHG READ L	D03J1	1-01 *			1			N 2-3/8		33
INTERCHG READ L	E04A1	1-02 *			2			N 4-3/8		33
INTERCHG READ L	F04L1	1-03 *								33
INTERCHG READ L		1						6-6/8		33
IRD (SB) L	C03L1	1-01 *			1			N 7-3/8		34
IRD (SB) L	E01U2	1-02 *								34
IRD (SB) L		1						7-3/8		34
LDCAL H	D02H1	1-01 *			1			N 1		35
LOCAL H	D03H1	1-02 *								35
LDCAL H		1						1-0/8		35
LRC STRR (SB) L	A01K2	1-01 *			1			N 1		36
LRC STRB (SB) L	A02K2	1-02 *								36
LRC STRB (SB) L		1						1-0/8		36
MOL (SB) L	F01V2	1-01 *			1			N 1		37
MOL (SB) L	F02V2	1-02 *								37
MOL (SB) L		1						1-0/8		37
MOL H	C03P1	1-01 *			1			N 5-5/8		38
MOL H	E02M2	1-02 *								38
MOL H		1						5-5/8		38
MOL L	C02S1	1-01 *			1			N 2-5/8		39
MOL L	C01A1	1-02 *								39
MOL L		1						2-5/8		39
PACKET H	D03J2	1-01 *			1			N 3-1/8		40
PACKET H	E04K1	1-02 *								40
PACKET H		1						3-1/8		40

TU16.F RUN NAME	WRAPD .V35(74)-1 A/P PIN ORDER NAME PIN	28-Jan-77 BAY - Q ORDER	DRAW OPT	RV RG Y	X Z	REMARKS	24-Feb-77	13:08 NC LENGTH FLAG	PAGE 4 EXCEPTIDNS	RUN NUMBER
PCLR L	A03B2	1-01 *			1			N 14-7/8		41
PCLR L	F02E1	1-02 *			2			N 7-5/8		41
PCLR L	C01N2	1-03 *								41
PCLR L		1						22-4/8		41
PES L	C03B1	1-01 *			2			N 5-5/8		42
PES L	D02U1	1-02 *			1			N 6-7/8		42
PES L	F04U2	1-03 *								42
PES L		1						12-4/8		42
PESB (SB) L	C03R1	1-01 *			1			N 3-6/8		43
PESB (SB) L	D03V1	1-02 *			2			N 1-6/8		43
PESB (SB) L	E01D1	1-03 *								43
PESB (SB) L		1						5-4/8		43
RD (SB) 00 L	D01V2	1-01 *			1			N 1-4/8		44
RD (SB) 00 L	D03V2	1-02 *								44
RD (SB) 00 L		1						1-4/8		44
RD (SB) 01 L	D01U2	1-01 *			1			N 1-4/8		45
RD (SB) 01 L	D03U2	1-02 *								45
RD (SB) 01 L		1						1-4/8		45
RD (SB) 02 L	D01S2	1-01 *			1			N 1-4/8		46
RD (SB) 02 L	D03S2	1-02 *								46
RD (SB) 02 L		1						1-4/8		46
RD (SB) 03 L	D01R2	1-01 *			1			N 1-4/8		47
RD (SB) 03 L	D03R2	1-02 *								47
RD (SB) 03 L		1						1-4/8		47
RD (SB) 04 L	D01P2	1-01 *			1			N 1-4/8		48
RD (SB) 04 L	D03P2	1-02 *								48
RD (SB) 04 L		1						1-4/8		48
RD (SB) 05 L	C01H2	1-01 *			1			N 1-4/8		49
RD (SB) 05 L	C03H2	1-02 *								49
RD (SB) 05 L		1						1-4/8		49
RD (SB) 06 L	C01F2	1-01 *			1			N 1-4/8		50
RD (SB) 06 L	C03F2	1-02 *								50
RD (SB) 06 L		1						1-4/8		50
RD (SB) 07 L	C01E2	1-01 *			1			N 1-4/8		51
RD (SB) 07 L	C03E2	1-02 *								51
RD (SB) 07 L		1						1-4/8		51
RD (SB) P L	C01D2	1-01 *			1			N 1-2/8		52
RD (SB) P L	C03A1	1-02 *								52
RD (SB) P L		1						1-2/8		52
RD 00 L	A04F1	1-01 *			1			N 5-7/8		53
RD 00 L	C03D1	1-02 *								53
RD 00 L		1						5-7/8		53

TU16.F RUN NAME	WRAPD .V35(74)-1 A/P PIN ORDER NAME PIN	28-Jan-77 BAY - Q ORDER	DRAW RV RG Y X Z OPT	REMARKS	24-Feb-77	13108 NC LENGTH FLAG	PAGE 5 EXCEPTIONS	RUN NUMBER
RD 01 L	D03U1	1-01 *				N 1-7/8		54
RD 01 L	E04E1	1-02 *						54
RD 01 L		1				1-7/8		54
RD 02 L	A04B1	1-01 *				N 6-5/8		55
RD 02 L	C03E1	1-02 *						55
RD 02 L		1				6-5/8		55
RD 03 L	D03B1	1-01 *				N 6-7/8		56
RD 03 L	F04K1	1-02 *						56
RD 03 L		1				6-7/8		56
RD 04 L	B04F1	1-01 *				N 3-3/8		57
RD 04 L	C03F1	1-02 *						57
RD 04 L		1				3-3/8		57
RD 05 L	C03M1	1-01 *				N 1		58
RD 05 L	C04P1	1-02 *						58
RD 05 L		1				1-0/8		58
RD 06 L	C03N1	1-01 *				N 1		59
RD 06 L	C04R1	1-02 *						59
RD 06 L		1				1-0/8		59
RD 07 H	C03S1	1-01 *				N 4-1/8		60
RD 07 H	D04V1	1-02 *						60
RD 07 H		1				4-1/8		60
RD P L	B04K1	1-01 *				N 3-3/8		61
RD P L	C03K1	1-02 *						61
RD P L		1				3-3/8		61
REC (SB) L	B01R2	1-01 *				N 5-7/8		62
REC (SB) L	D03K2	1-02 *						62
REC (SB) L		1				5-7/8		62
RECORD PULSE L	B03D1	1-01 *				N 6-5/8		63
RECORD PULSE L	D03L2	1-02 *				N 1		63
RECORD PULSE L	D02L2	1-03 *						63
RECORD PULSE L		1				7-5/8		63
REV (SB) L	B02F1	1-01 *				N 4-5/8		64
REV (SB) L	C01V2	1-02 *						64
REV (SB) L		1				4-5/8		64
RSDO (SB) L	C01K2	1-01 *				N 1-4/8		65
RSDO (SB) L	C03K2	1-02 *						65
RSDO (SB) L		1				1-4/8		65
RUNNING H	D02R2						1-PIN RUN	66
RWND (SB) L	B02D2	1-01 *				N 4-5/8		67
RWND (SB) L	C01P2	1-02 *						67
RWND (SB) I		1				4-5/8		67

TU16.F RUN NAME	WRAPD .V35(74)-1 A/P PIN ORDER NAME PIN	28-Jan-77 BAY - Q ORDER	DRAW PV RG Y X Z OPT	REMARKS	24-Feb-77	13108 NC LENGTH FLAG	PAGE 6 EXCEPTIONS	RUN NUMBER
RWS (SB) L	B02M1	1-01 *				N 11-1/8		68
RWS (SB) L	F01M2	1-02 *						68
RWS (SB) L		1				11-1/8		68
SDWN (SB) L	A02M2	1-01 *				N 11-7/8		69
SDWN (SB) L	E01S2	1-02 *						69
SDWN (SB) L		1				11-7/8		69
SET SCC (SB) L	D01K2	1-01 *				N 7-1/8		70
SET SCC (SB) L	F02V1	1-02 *						70
SET SCC (SB) L		1				7-1/8		70
SET TEST WRE L	B03M2	1-01 *				N 6-3/8		71
SET TEST WRE L	D02N1	1-02 *						71
SET TEST WRE L		1				6-3/8		71
SET VPE (SB) L	D01H2	1-01 *				N 1-4/8		72
SET VPE (SB) L	D03H2	1-02 *						72
SET VPE (SB) L		1				1-4/8		72
SLA (SB) L	E02V1	1-01 *				N 1-7/8		73
SLA (SB) L	F01E2	1-02 *						73
SLA (SB) L		1				1-7/8		73
SLAVE BUS ENBL L	B01H1	1-01 *				N 1-2/8		74
SLAVE BUS ENBL L	B02D1	1-02 *						74
SLAVE BUS ENBL L		1				1-2/8		74
SLAVE PRESENT H	D02B1	1-01 *				N 4-5/8		75
SLAVE PRESENT H	E03M2	1-02 *						75
SLAVE PRESENT H		1				4-5/8		75
SN (SB) 00 L	E03D2	1-01 *				N 6-1/8		76
SN (SB) 00 L	F01V1	1-02 *						76
SN (SB) 00 L		1				6-1/8		76
SN (SB) 01 L	E03S2	1-01 *				N 4-1/8		77
SN (SB) 01 L	F01S2	1-02 *						77
SN (SB) 01 L		1				4-1/8		77
SN (SB) 02 L	F01U2	1-01 *				N 1-4/8		78
SN (SB) 02 L	F03U2	1-02 *						78
SN (SB) 02 L		1				1-4/8		78
SN (SB) 03 L	E01K2	1-01 *				N 1-4/8		79
SN (SB) 03 L	E03K2	1-02 *						79
SN (SB) 03 L		1				1-4/8		79
SN (SB) 04 L	E01E2	1-01 *				N 1-4/8		80
SN (SB) 04 L	E03E2	1-02 *						80
SN (SB) 04 L		1				1-4/8		80
SN (SB) 05 L	E01F1	1-01 *				N 2-1/8		81
SN (SB) 05 L	E03P2	1-02 *						81
SN (SB) 05 L		1				2-1/8		81

TU16.F RUN NAME	WRAPD .V35(74)-1 A/P PIN ORDER NAME PIN	28-Jan-77 BAY - Q ORDER	DRAW RV RG Y X Z OPT	REMARKS	24-Feb-77	13108 NC LENGTH FLAG	PAGE 7 EXCEPTIONS	RUN NUMBER
SN (SB) 06 L	F01U1	1-01 *	1			N 1-7/8		82
SN (SB) 06 L	F03S2	1-02 *						82
SN (SB) 06 L		1				1-7/8		82
SN (SB) 07 L	E01F1	1-01 *	1			N 2-4/8		83
SN (SB) 07 L	E03V2	1-02 *						83
SN (SB) 07 L		1				2-4/8		83
SN (SB) 08 L	E01F2	1-01 *	1			N 1-4/8		84
SN (SB) 08 L	E03F2	1-02 *						84
SN (SB) 08 L		1				1-4/8		84
SN (SB) 09 L	F01S1	1-01 *	1			N 2-1/8		85
SN (SB) 09 L	F03E1	1-02 *						85
SN (SB) 09 L		1				2-1/8		85
SN (SB) 10 L	F01R2	1-01 *	1			N 1-4/8		86
SN (SB) 10 L	F03R2	1-02 *						86
SN (SB) 10 L		1				1-4/8		86
SN (SB) 11 L	E01H1	1-01 *	1			N 4-1/8		87
SN (SB) 11 L	F03D2	1-02 *						87
SN (SB) 11 L		1				4-1/8		87
SN (SB) 12 L	E01H2	1-01 *	1			N 1-4/8		88
SN (SB) 12 L	E03H2	1-02 *						88
SN (SB) 12 L		1				1-4/8		88
SN (SB) 13 L	E03A1	1-01 *	1			N 5-5/8		89
SN (SB) 13 L	F01R1	1-02 *						89
SN (SB) 13 L		1				5-5/8		89
SN (SB) 14 L	F01P2	1-01 *	1			N 1-4/8		90
SN (SB) 14 L	F03P2	1-02 *						90
SN (SB) 14 L		1				1-4/8		90
SN (SB) 15 L	E01K1	1-01 *	1			N 1-7/8		91
SN (SB) 15 L	E03B1	1-02 *						91
SN (SB) 15 L		1				1-7/8		91
SPR (SB) L	D02A1	1-01 *	1			N 6-5/8		92
SPR (SB) L	F01E1	1-02 *						92
SPR (SB) L		1				6-5/8		92
SS (SB) 00 L	B01H2	1-01 *	1			N 4-5/8		93
SS (SB) 00 L	C02V1	1-02 *						93
SS (SB) 00 L		1				4-5/8		93
SS (SB) 01 L	B01P2	1-01 *	1			N 4-1/8		94
SS (SB) 01 L	C02V2	1-02 *						94
SS (SB) 01 L		1				4-1/8		94
SS (SB) 02 L	B01M2	1-01 *	1			N 5-1/8		95
SS (SB) 02 L	D02D1	1-02 *						95
SS (SB) 02 L		1				5-1/8		95

TU16.F RUN NAME	WRAPD .V35(74)-1 A/P PIN ORDER NAME PIN	28-Jan-77 BAY - Q ORDER	DRAW RV RG Y X Z OPT	REMARKS	24-Feb-77	13108 NC LENGTH FLAG	PAGE 8 EXCEPTIONS	RUN NUMBER
STOP (SB) L	A01V2	1-01 *	1			N 5-5/8		96
STOP (SB) L	C02S2	1-02 *						96
STOP (SB) L		1				5-5/8		96
TEST DATA -A	A03K1	1-01 *	2			N 1-3/8		97
TEST DATA -A	A02C1	1-02 *	1			N 0-4/8		97
TEST DATA -A	A02E1	1-03 *	2			N 0-1/8		97
TEST DATA -A	A02F1	1-04 *	1			N 0-4/8		97
TEST DATA -A	A02J1	1-05 *	2			N 3-1/8		97
TEST DATA -A	B02H1	1-06 *						97
TEST DATA -A		1				5-5/8		97
TEST DATA -B	A03J1	1-01 *	2			N 3-5/8		98
TEST DATA -B	B02J1	1-02 *	1			N 1-2/8		98
TEST DATA -B	B02R1	1-03 *	2			N 0-1/8		98
TEST DATA -B	B02P1	1-04 *	1			N 2-7/8		98
TEST DATA -B	C02M2	1-05 *						98
TEST DATA -B		1				7-7/8		98
TEST DATA A	A03L2		1				1-PIN RUN	99
TEST DATA B	A03H1						1-PIN RUN	100
TEST DEN H	A03T2	1-01 *	1			N 4-3/8		101
TEST DEN H	C03C1	1-02 *						101
TEST DEN H		1				4-3/8		101
TEST PE H	B03L2	1-01 *	1			N 2		102
TEST PE H	C03B2	1-02 *						102
TEST PE H		1				2-0/8		102
TESTER ENBL L	B03N1	1-01 *	1			N 4-7/8		103
TESTER ENBL L	D02D2	1-02 *						103
TESTER ENBL L		1				4-7/8		103
TESTER GND	B03M1	1-01 *	1			N 0-4/8		104
TESTER GND	B03P1	1-02 *	2			N 0-5/8		104
TESTER GND	B03T1	1-03 *	1			N 0-1/8		104
TESTER GND	B03U1	1-04 *	2			N 0-1/8		104
TESTER GND	B03V1	1-05 *						104
TESTER GND		1				1-3/8		104
TUR (SB) L	C01S2	1-01 *	1			N 4-1/8		105
TUR (SB) L	B02K2	1-02 *						105
TUR (SB) L		1				4-1/8		105
WD (SB) 00 L	B01V2	1-01 *	1			N 1		106
WD (SB) 00 L	B02V2	1-02 *						106
WD (SB) 00 L		1				1-0/8		106
WD (SB) 01 L	B01U2	1-01 *	1			N 1		107
WD (SB) 01 L	B02U2	1-02 *						107
WD (SB) 01 L		1				1-0/8		107

TU16.F
RUN NAME

WRAPD .V35(74)-1
A/P PIN ORDER
NAME PIN

28-Jan-77
BAY - Q DRAW RV RG Y X Z
ORDER OPT

24-Feb-77

13:08 PAGE 9
NC LENGTH EXCEPTIONS
FLAG

RUN
NUMBER

WD (SB) 02 L
WD (SB) 02 L
WD (SB) 02 L

B01S2
B02S2

1-01 *
1-02 *
1

1

N 1

108

108

1-0/8

108

WD (SB) 03 L
WD (SB) 03 L
WD (SB) 03 L

A01P2
B02R2

1-01 *
1-02 *
1

1

N 3-7/8

109

109

3-7/8

109

WD (SB) 04 L
WD (SB) 04 L
WD (SB) 04 L

B01K2
B02P2

1-01 *
1-02 *
1

1

N 1-1/8

110

110

1-1/8

110

WD (SB) 05 L
WD (SB) 05 L
WD (SB) 05 L

A01M2
A02H2

1-01 *
1-02 *
1

1

N 1-1/8

111

111

1-1/8

111

WD (SB) 06 L
WD (SB) 06 L
WD (SB) 06 L

A01F2
A02F2

1-01 *
1-02 *
1

1

N 1

112

112

1-0/8

112

WD (SB) 07 L
WD (SB) 07 L
WD (SB) 07 L

A01E2
A02E2

1-01 *
1-02 *
1

1

N 1

113

113

1-0/8

113

WD (SB) F L
WD (SB) F L
WD (SB) F L

A01D2
A02D2

1-01 *
1-02 *
1

1

N 1

114

114

1-0/8

114

WRITE (SB) L
WRITE (SB) L
WRITE (SB) L

A02U1
D01D2

1-01 *
1-02 *
1

1

N 6-7/8

115

115

6-7/8

115

WRITE ENABLE H
WRITE ENABLE H
WRITE ENABLE H
WRITE ENABLE H

D02S1
D03S1
F04S1

1-01 *
1-02 *
1-03 *
1

2

1

N 1

116

N 6-1/8

116

7-1/8

116

WPL (SB) L
WRL (SB) L
WRL (SB) L

B02M2
F01K2

1-01 *
1-02 *
1

1

N 11-1/8

117

117

11-1/8

117

WRT CLK (SB) L
WRT CLK (SB) L
WRT CLK (SB) L

D03M2
D01E2

1-01 *
1-02 *
1

1

N 1-6/8

118

118

1-6/8

118

WRT CLK TEST ENB L
WRT CLK TEST ENB L
WRT CLK TEST ENB L

B03H1
D03A1

1-01 *
1-02 *
1

1

N 5

119

119

5-0/8

119

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NOTES:

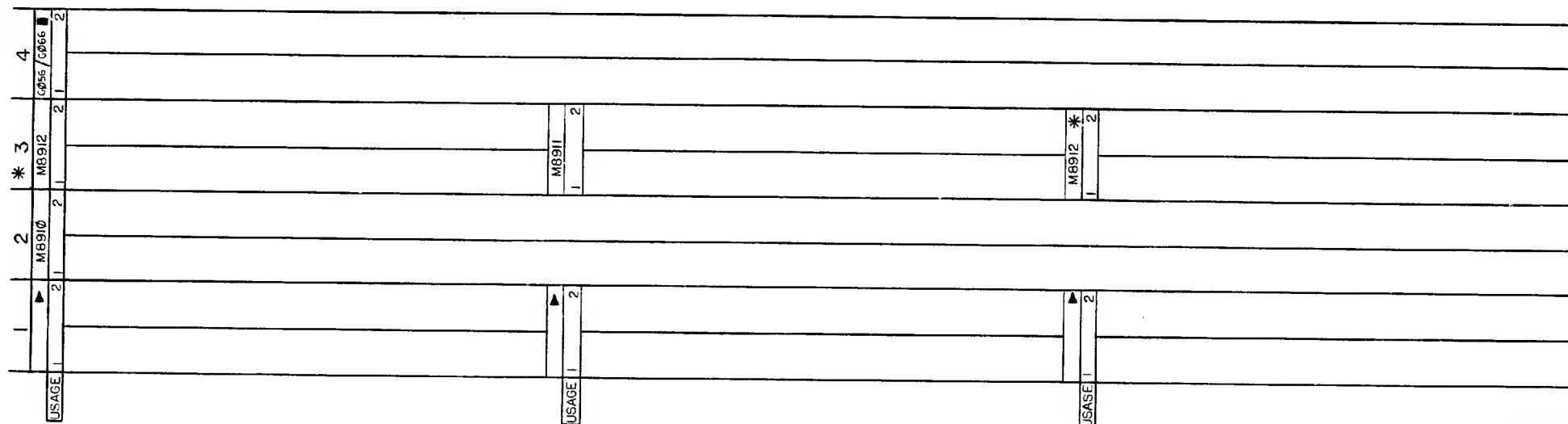
1. USE CABLE SLOTS AS FOLLOWS

	END-OF-BUS	MIDDLE-OF-BUS
A,B	M9001YB	M3001
C,D	M8913YA	M8913
E,F	M9001YC	M9001-YA

2. MB912 CAN BE USED AS A TEST FUNCTION GENERATOR IN SLOT 3 A/B. IT DRIVES SERIAL NO. AND DRIVE TYPE LINES IN SLOT 3 E/F. THE TUI6 CAN NOT OPERATE ON-LINE WITH MB912 IN SLOT 3 A/B.

3. ELECTROSTATIC SHIELD IS POSITIONED BETWEEN THE G056 MODULE AND THE MB911/MB912 MODULES.

4. G066 REPLACES G056. G066 BOARD AND G066 READ CABLE MUST BE ORDERED TOGETHER. CABLE ISN'T ATTACHED TO BOARD.

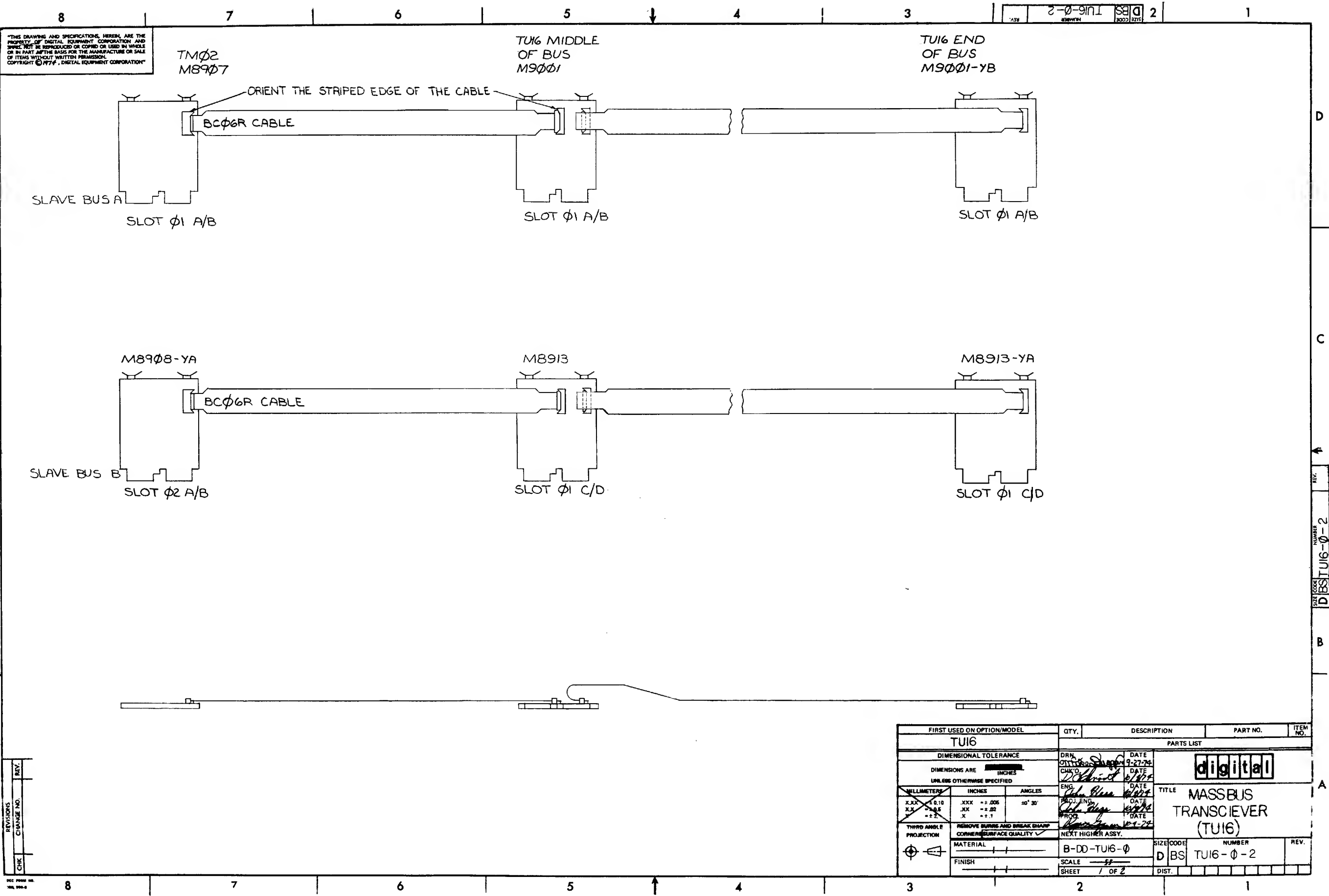


- ▲ SEE NOTE #1
- * SEE NOTE #2
- SEE NOTE #4

1	G066 READ CABLE	7012844	9
1	ELECTROSTATIC SHIELD	1700021	8
A/R	GEN PURPOSE CARD (EEP)	M9001-YA	7
1	CLK & TEST LOGIC	MB911	6
A/R	DATA DRIVER	M8913	5
1	READ AMP (RAI)	G056/G066	4
2	SLAVE TEST FUNCT GEN	MB912	3
1	LOGIC & WRITE BOARD	MB910	2
A/R	GEN PURPOSE CARD (A&B)	M9001	1

FIRST USED ON OPTION/MODEL		QTY.		DESCRIPTION		PART NO.		ITEM NO.	
TUI6									
DIMENSIONAL TOLERANCE		DRN.		DATE		TITLE			
DIMENSIONS ARE MILLIMETERS		M. P. Quinn		7/26/77		MODULE UTILIZATION			
UNLESS OTHERWISE SPECIFIED		CHKD.		DATE		digital			
MILLIMETERS		ENG.		DATE					
XXX = ±0.10		JXX = ±0.05		9-5-74					
XX = ±0.5		JX = ±0.02		9-5-74					
X = ±2		X = ±1		9-5-74					
THIRD ANGLE PROJECTION		REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		NEXT HIGHER ASSY.					
MATERIAL		D-UA-TUI6-0-0		SCALE		SIZE CODE		NUMBER	
FINISH		SHEET		OF		DIST.		REV.	

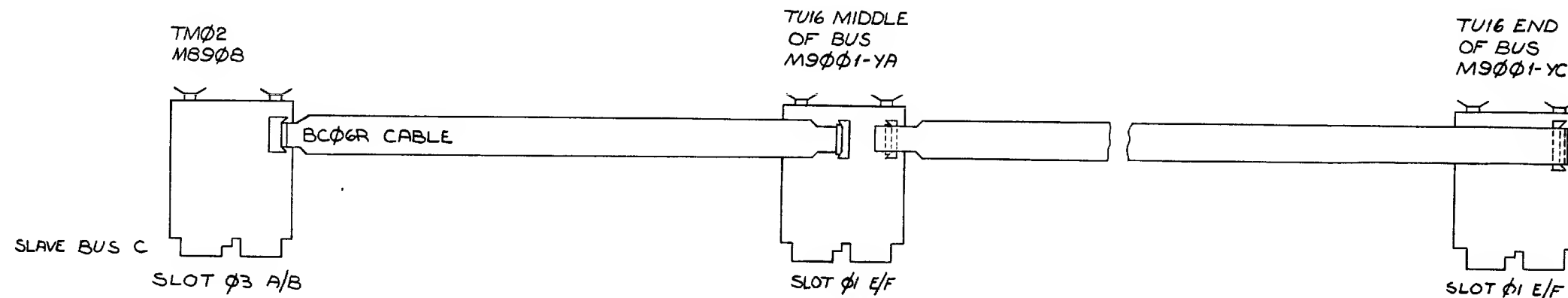
REV.	CHANGE NO.	CHK.
A	0000	33
B	0007	0
C	00031	0
D	00077	0
E	00077	0
F	00077	0
G	00077	0
H	00077	0
I	00077	0
J	00077	0
K	00077	0
L	00077	0
M	00077	0
N	00077	0
O	00077	0
P	00077	0
Q	00077	0
R	00077	0
S	00077	0
T	00077	0
U	00077	0
V	00077	0
W	00077	0
X	00077	0
Y	00077	0
Z	00077	0



REV.	CHANGE NO.
1	1

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU16					
DIMENSIONAL TOLERANCE		PARTS LIST			
DIMENSIONS ARE INCHES		DRN	DATE	digital	
UNLESS OTHERWISE SPECIFIED		CHK'D	DATE		
		ENG.	DATE		
		PROJ. ENG.	DATE		
		PROG.	DATE	TITLE	
THIRD ANGLE PROJECTION		REMOVE BURS AND BREAK SHARP CORNERS SURFACE QUALITY		NEXT HIGHER ASSY.	
MATERIAL		B-DD-TU16-0		SIZE CODE NUMBER	
FINISH		SCALE		D BS TU16-0-2	
		SHEET 1 OF 2		REV.	

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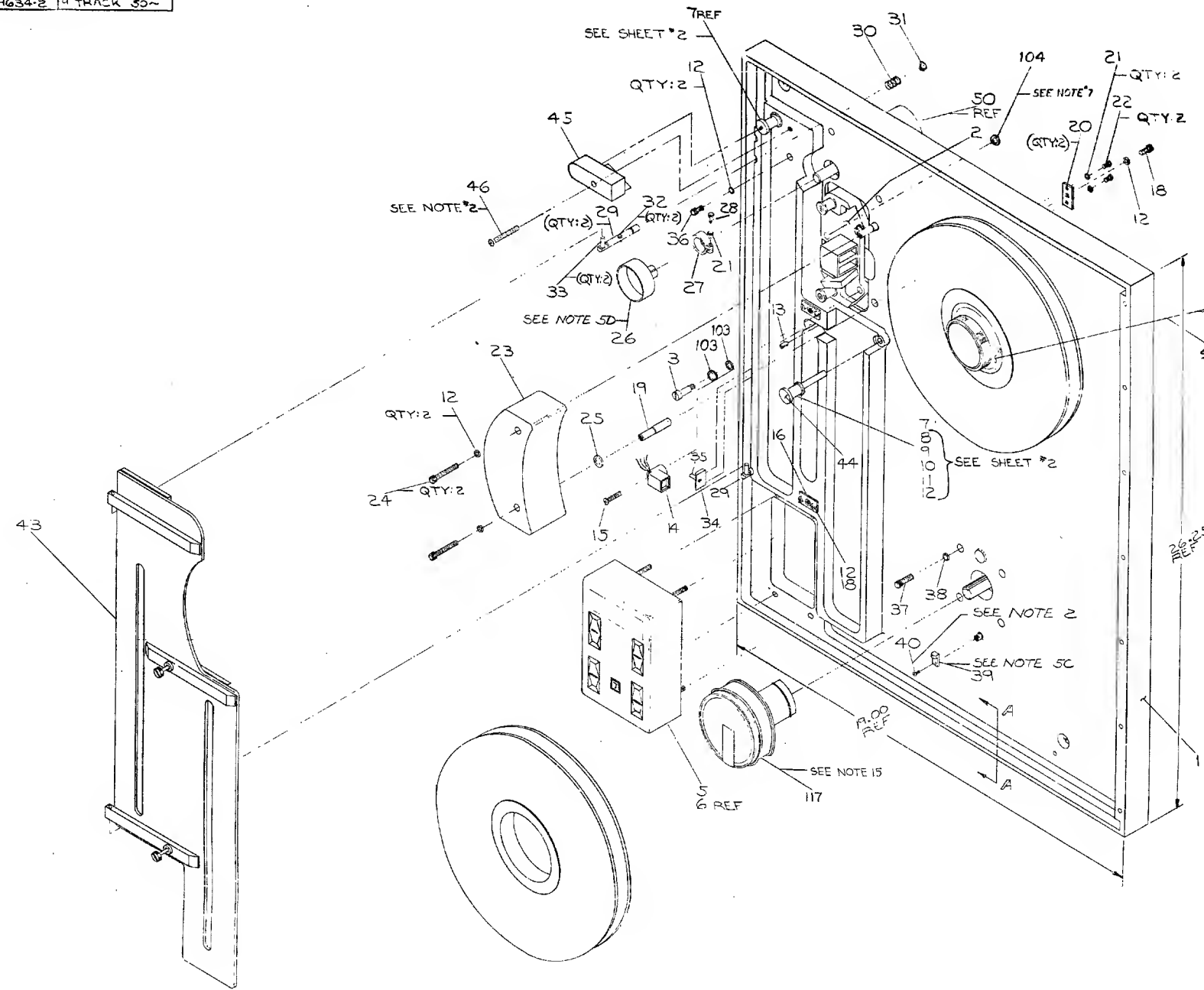


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE	CODE	NUMBER		REV
MASSEBUS		D	BS	TUI6 - 0 - 2		
TRANSCIEVER (TUI6)		SHEET 2 OF 2		DIST.		

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LEGEND	
NUMBER	VARIATION
1009634-1	9 TRACK 65~
1009634-2	9 TRACK 35~



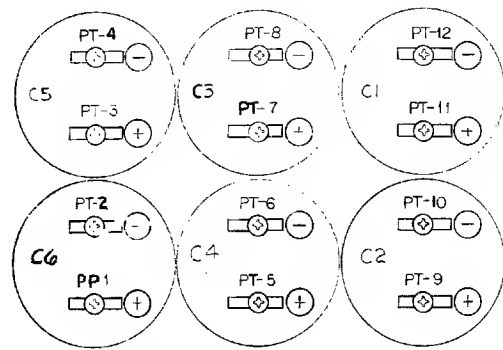
NOTES:

- FOR HARNESS CONNECTIONS & GENERAL WIRING REFER TO SHEET #3.
- THESE ITEMS TO BE COATED WITH LOCKTITE AT ASSY.
- THESE ITEMS TO HAVE THREADS COATED WITH TEFLON PLUMBERS TAPE.
- THESE ITEMS TO BE CEMENTED IN PLACE AT ASSY USING HYBOND ADHESIVE.
- GAGES REQUIRED:
 - ROLLER GUIDE GAGE: *9605460
 - HUB GAGE: *9605461
 - READ WRITE REEL GAGE: *9605493
 - CAPSTAN GAGE: *9605606
- REELS (ITEMS 1 & 2) ARE SUPPLIED AT UNIT ASSY.
- PRECISION SPACERS (3 REQ) THICKNESS PER SPEC. A-SP-TUIG-0-2
- INSTALL FOAM FILTER, MEDIUM.
- INSTALL PLUG FILTER.
- INSTALL FOAM FILTER, SMALL.
- INSTALL FOAM FILTER, LARGE.
- USE UNTAPPED HOLE APPROXIMATELY 3/4 IN. FROM SURFACE MARKED Z.
- INSTALL HEAD PLUG FILTER.
- PUT 6 EXT. STAR WASHER ON BOTH SIDES OF GROUND STRAP.
- QUICK LATCH HUB WILL NOT FIT ON ALL CASTINGS DUE TO THE SMALLER HOLE DIAMETER. THIS HOLE CAN BE FILLED WITH A COARSE HALF ROUND EASTARD FILE TO ACCOMMODATE THE QUICK LATCH HUB ASSY. FOR FIELD RETROFIT.

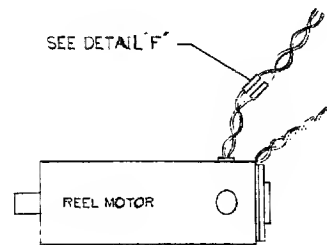
REV.	DATE	BY	CHKD.	DESCRIPTION
1	10/1/68	W. SMITH		INITIAL DESIGN
2	10/1/68	W. SMITH		REVISION
3	10/1/68	W. SMITH		REVISION
4	10/1/68	W. SMITH		REVISION
5	10/1/68	W. SMITH		REVISION
6	10/1/68	W. SMITH		REVISION
7	10/1/68	W. SMITH		REVISION
8	10/1/68	W. SMITH		REVISION
9	10/1/68	W. SMITH		REVISION
10	10/1/68	W. SMITH		REVISION
11	10/1/68	W. SMITH		REVISION
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98	10/1/68	W. SMITH		REVISION
99	10/1/68	W. SMITH		REVISION
100	10/1/68	W. SMITH		REVISION

FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	REV.
TUIG					
DIMENSIONAL TOLERANCE		DATE			
DIMENSIONS ARE UNLESS OTHERWISE SPECIFIED		DATE			
INCHES		DATE			
MILLIMETERS		DATE			
ANGLES		DATE			
THIRD ANGLE PROJECTION		DATE			
SEE PARTS LIST		DATE			
SCALE		DATE			
SHEET		DATE			
OF		DATE			
DISC		DATE			
TITLE		DATE			
TAPE TRANSPORT ASSY		DATE			
EAD 1009634-0-0		DATE			
REV.		DATE			
S		DATE			

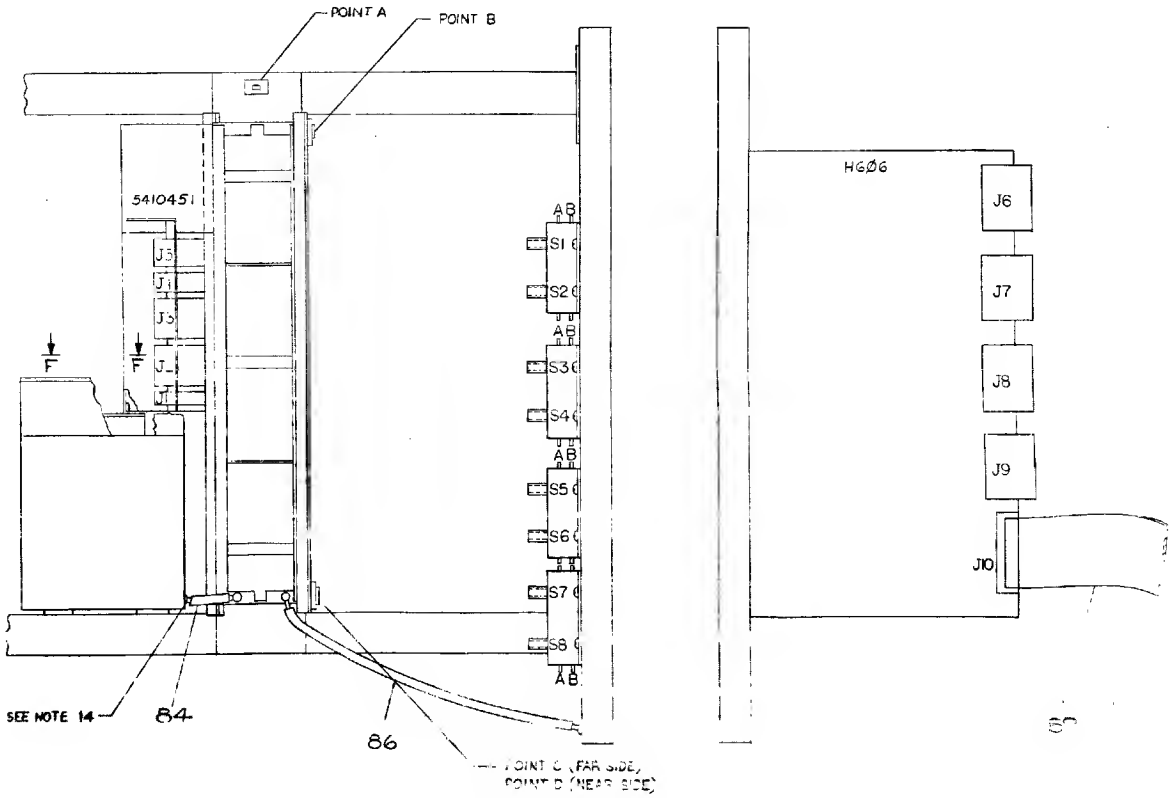
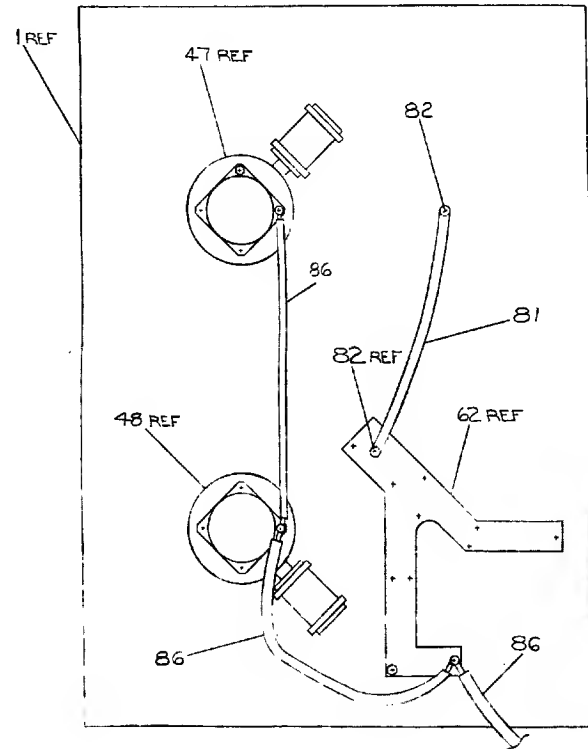
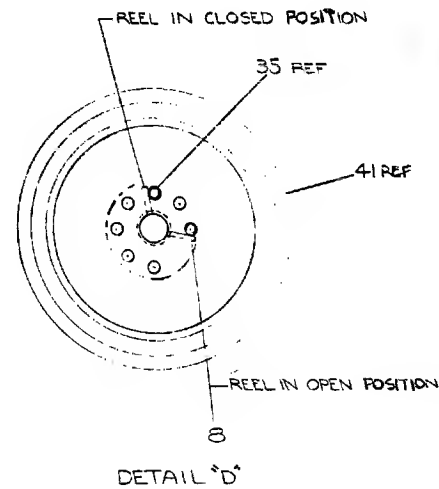
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TOP VIEW F-F
SHOWN WITH CAPACITOR
GUARD REMOVED



DETAIL F
COVER WITH SHRINK TUBING
2-1/4 IN. LG. SHRINK OVER
TUBE.



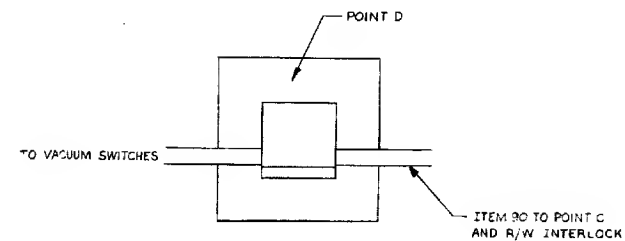
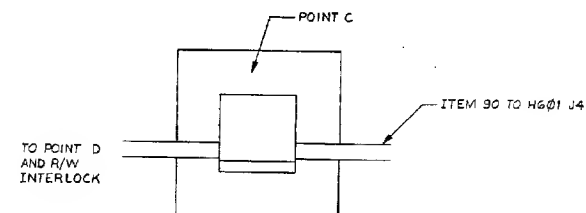
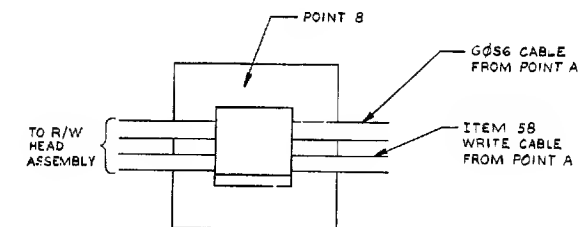
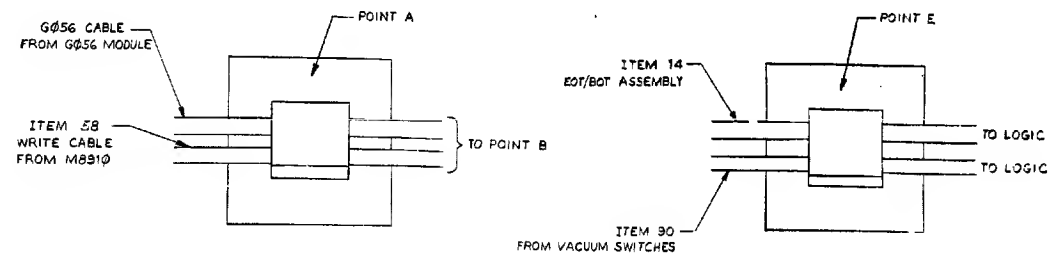
REV	CHG	NO.	REV.

TITLE	TAPE TRANSPORT ASSY	SIZE CODE	EAD	NUMBER	7009634-00	REV	S
SCALE	1" = 1"	SHEET	3 OF 4	JUST			

1477009634-0-01 S

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INTERCONNECTION TABLE						
ITEM NO.	DESCRIPTION	FROM	WITH	TO	TIE DOWN POINT (SEE NOTE B)	REMARKS
AWG	COLOR	CONNECTION		CONNECTION		
22	WHT/YEL	VAC SW HARN- TB-1	---	VAC SW S1-A	B	
18	BLK	- TB-2	---	S1-B	---	
22	WHT/GAY	- TB-3	---	S2-A	D	
18	BLK	- TB-4	---	S2-B	---	
22	WHT/YEL	- PT-16	---	LOGIC C02U1	B	
22	GRN	- PT-19	---	LOGIC C02U2	B	
22	WHT/YEL	- TB-5	---	VAC SW S3-A	B	
18	BLK	- TB-6	---	S3-B	---	
22	WHT/BLU	- TB-7	---	S4-A	D	
18	BLK	- TB-8	---	S4-B	---	
22	WHT/BRN	- TB-9	---	S5-A	D	
18	BLK	- TB-10	---	S5-B	---	
22	GRN	- TB-11	---	S6-A	---	
22	GRN	- TB-12	---	S6-B	---	
22	WHT/GRN	- TB-13	---	S7-A	D	
18	BLK	- TB-14	---	S7-B	---	
22	GRN	- TB-15	---	S8-A	---	
18	BLK	- TB-16	---	S8-B	---	
---	---	- E-17	---	ITEM 92 DEC PLATE - GND	105	
---	---	- P13	---	R/W INTERLOCK - J13	C	
---	---	VAC SW HARN - P4	---	HG06 J9	C	
14	FLU	CAP. HARN - TB-1	---	CAPACITOR BANK PT-11		
---	BLK	TB-2	---	PT-12		
---	WHT	TB-3	---	PT-6		
---	BLK	TB-4	---	PT-7		
---	BLK	TB-5	---	PT-4		
---	BRN	TB-6	---	PT-5		
---	BLK	TB-7	---	PT-2		
---	RED	TB-8	---	PT-1		
---	BLK	TB-9	---	PT-3		
---	VIO	TB-10	---	PT-5		
---	BLK	TB-11	---	PT-10		
14	YEL	TB-12	---	PT-9		
---	---	CAP HARN - P3	---	54-122-2 J3		
5	---	CONT BOX CABLE	---	M8310 J1		
68	---	LOGIC ASSY - P5	---	54-122-12 J5		
69	---	TRANSFORMER - P2	---	54-122-12 J2		
89	---	BCQS L	---	HG06 J10		
---	BCQS L	---	---	M8310 J2		
92	---	SERVO BD HARN- P4	---	54-122-12 J4		
---	SERVO BD HARN- P7	---	---	HG06 J7		
---	RED	EOT/BOT ASSEMBLY	---	LOGIC	E	
14	ORN	EOT/BOT ASSEMBLY	---	LOGIC	E	
---	YEL	EOT/BOT ASSEMBLY	---	LOGIC	E	
---	BRN	EOT/BOT ASSEMBLY	---	LOGIC	E	
---	G056 CABLE - G056	---	---	R/W HEAD ASSEMBLY	A,B	
---	WRITE CABLE	---	---	M8310 J3	A	
---	WRITE CABLE	---	---	R/W HEAD ASSEMBLY	B	



REVISIONS		
CHK	CHANGE NO.	REV

TITLE TAPE TRANSPORT ASSY		SIZE E	NUMBER 7009634-00	REV. S
SCALE 2		SHEET 4 OF 4		DIST.

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50
52

SEE NOTE *13

SEE NOTE *8
SHEET *1

46
53

REAR VIEW

27
28
29
(QTY 4)

POWER SUPPLY
SEE DWG. E-UP-TM02

45
51 (QTY 2)

SEE NOTE *9
SHEET *1

SEE NOTE *6
SHEET *1

17 (QTY 3)

9 REF
34 REF

SIDE VIEW

SEE NOTE 10
SEE DETAIL 'C'
VIEW FF

SEE NOTE *14

50
67

35

SEE NOTE *5
SHEET *1

SEE DETAIL 'A'

65 (QTY 2)

57
56
SEE NOTE 7

55

SEE DETAIL 'B'

10

11

12

13

51
SEE NOTE *12
SHEET 1

CAUTION

THIS SHEET IS FOR THE TUI6
IN THE H950 SERIES CAB

REVISIONS		
CHK	CHANGE NO	REV

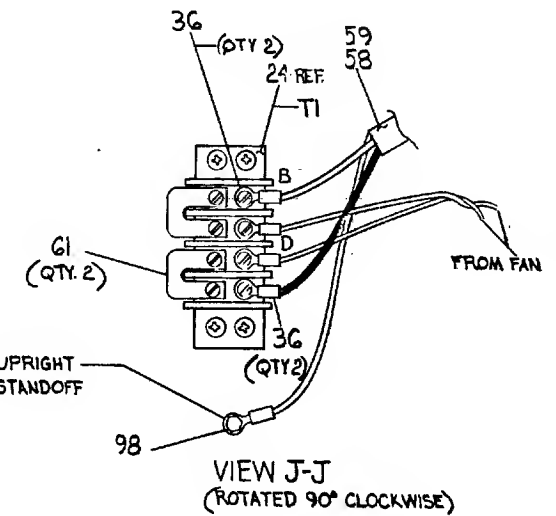
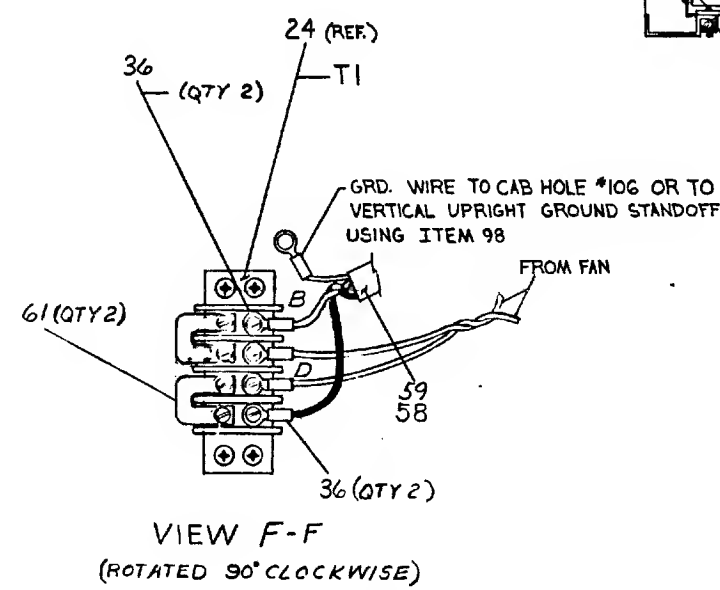
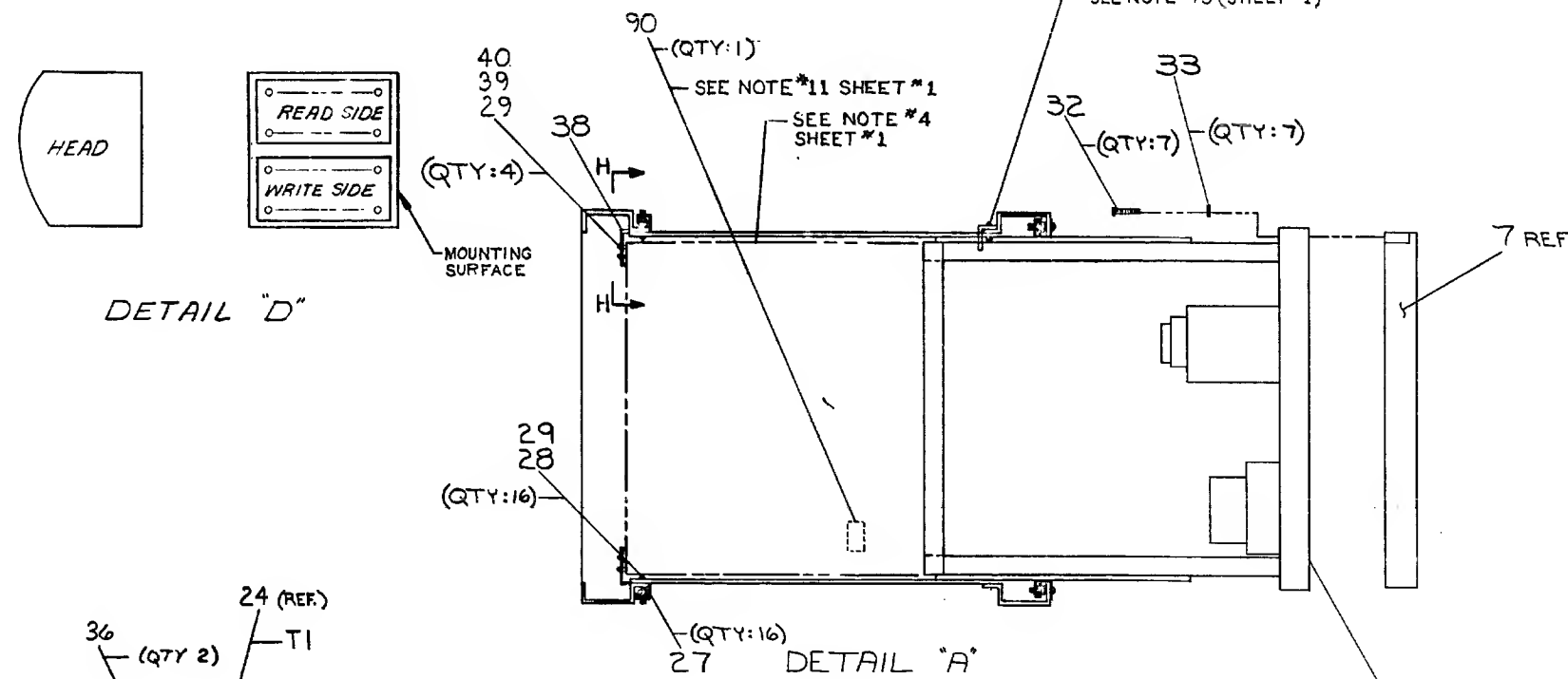
TITLE		SIZE CODE	NUMBER	REV.
MAG TAPE DRIVE (TUI6)		DUA	TUI6-0-0	R
SCALE	—H—	SHEET	2 OF 7	DIST.

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CABLE CHART						
ITEM NO	DESCRIPTION	FROM	TO	REMARKS		
	COLOR	AWG	CONN WITH	CONN WITH		
49	---	---	66 POWER PLUG	---		
56	---	---	---	71-B PT-2		
	---	---	---	71-D PT-1		
5	---	---	FAN-1	71-A ITEM 36		
	---	---	FAN-2	71-C ITEM 36		
18	---	---	READ BOARD	HEAD-READ SIDE		
20	---	---	WRITE BOARD	HEAD-WRITE SIDE	SEE DETAIL "D"	

LOCATION OF "TINNERMAN NUTS" (ITEM #27)	
LOCATE ALL NUTS BY COUNTING HOLES UP FROM BOTTOM OF CABINET UPRIGHT	
FRONT HOLE NUMBERS	REAR HOLE NUMBERS
RIGHT SIDE: 9,13,32,33, 103,104,105,106	RIGHT SIDE: 32,33* 53,60
LEFT SIDE: 9,13,32,33, 84,85,86,87	LEFT SIDE: 32,33* 53,60
LEFT SIDE HOLE NUMBERS FRONT: 67	RIGHT SIDE HOLE NUMBERS FRONT:
REAR: 84,85,86,87	REAR: 7,103,104, 105,106

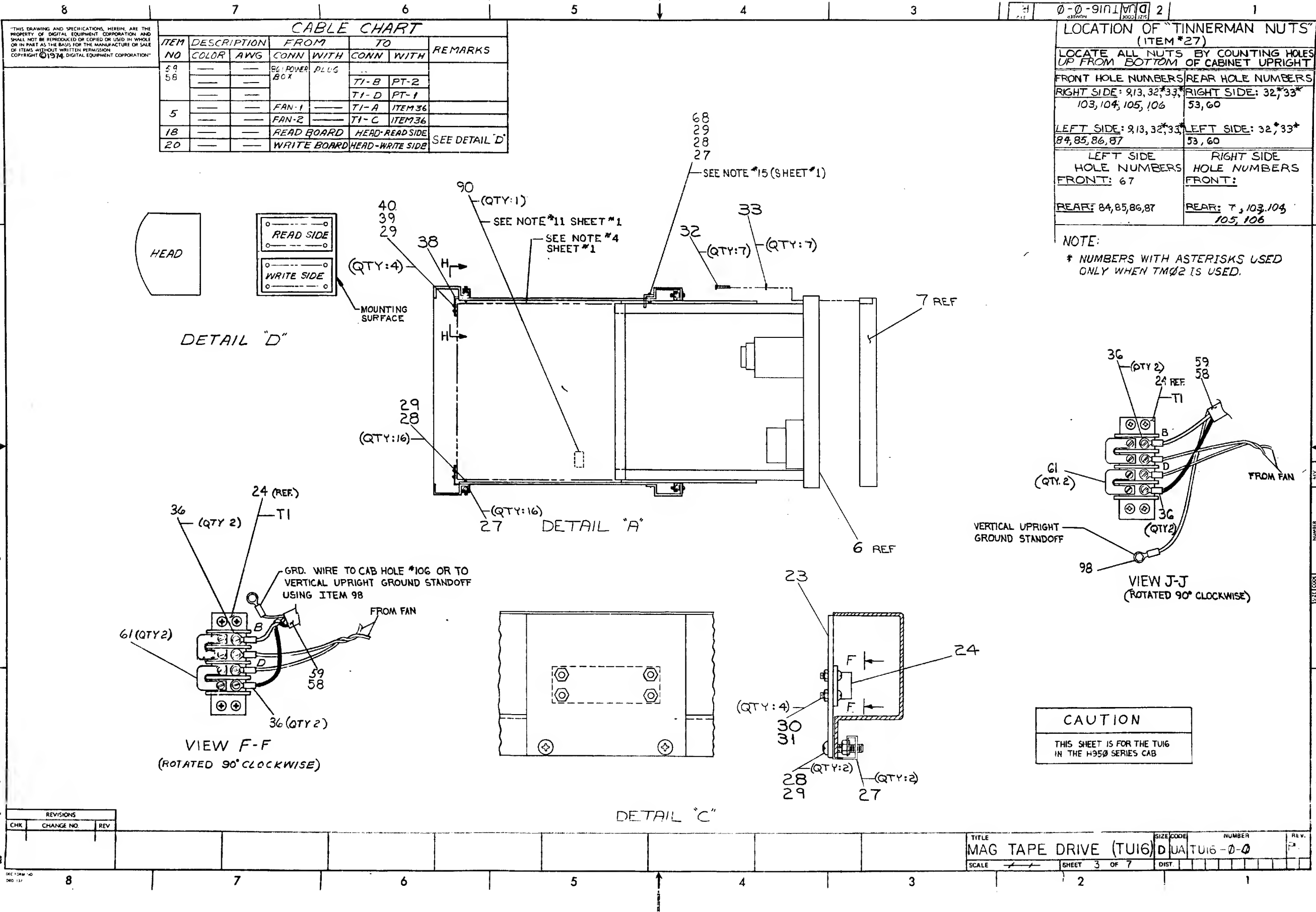
NOTE:
* NUMBERS WITH ASTERISKS USED ONLY WHEN TMØ2 IS USED.



CAUTION
THIS SHEET IS FOR THE TUI6 IN THE H95Ø SERIES CAB

REVISIONS		
CHK	CHANGE NO.	REV

TITLE	SIZE CODE	NUMBER	REV.
MAG TAPE DRIVE (TUI6)	DUA	TUI6-Ø-Ø	
SCALE	SHEET 3 OF 7	DIST.	

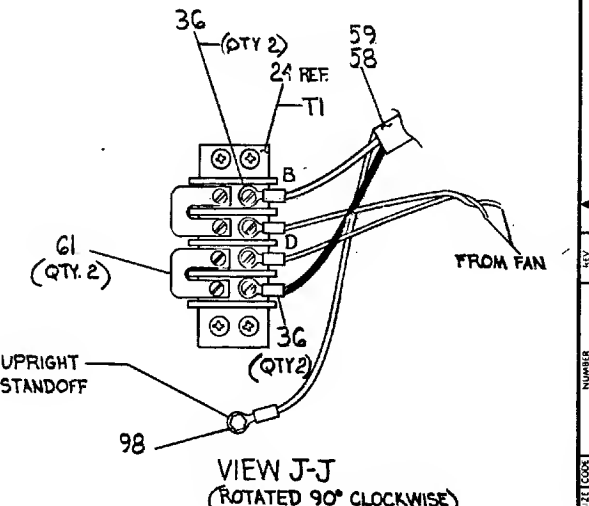


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CABLE CHART							
ITEM NO	DESCRIPTION	FROM	TO	REMARKS			
		CONN	WITH	CONN	WITH		
54		64 POWER BOX	PLUG				
58				T1-B	PT-2		
				T1-D	PT-1		
5		FAN-1		T1-A	ITEM 36		
		FAN-2		T1-C	ITEM 36		
18		READ BOARD		HEAD-READ SIDE			
20		WRITE BOARD		HEAD-WRITE SIDE			SEE DETAIL 'D'

LOCATION OF "TINNERMAN NUTS" (ITEM #27)	
LOCATE ALL NUTS BY COUNTING HOLES UP FROM BOTTOM OF CABINET UPRIGHT	
FRONT HOLE NUMBERS	REAR HOLE NUMBERS
RIGHT SIDE: 9,13,32,33*,103,104,105,106	RIGHT SIDE: 32,33*,53,60
LEFT SIDE: 9,13,32,33*,84,85,86,87	LEFT SIDE: 32,33*,53,60
LEFT SIDE HOLE NUMBERS FRONT: 67	RIGHT SIDE HOLE NUMBERS FRONT:
REAR: 84,85,86,87	REAR: 7,103,104,105,106

NOTE:
* NUMBERS WITH ASTERISKS USED ONLY WHEN TMØ2 IS USED.



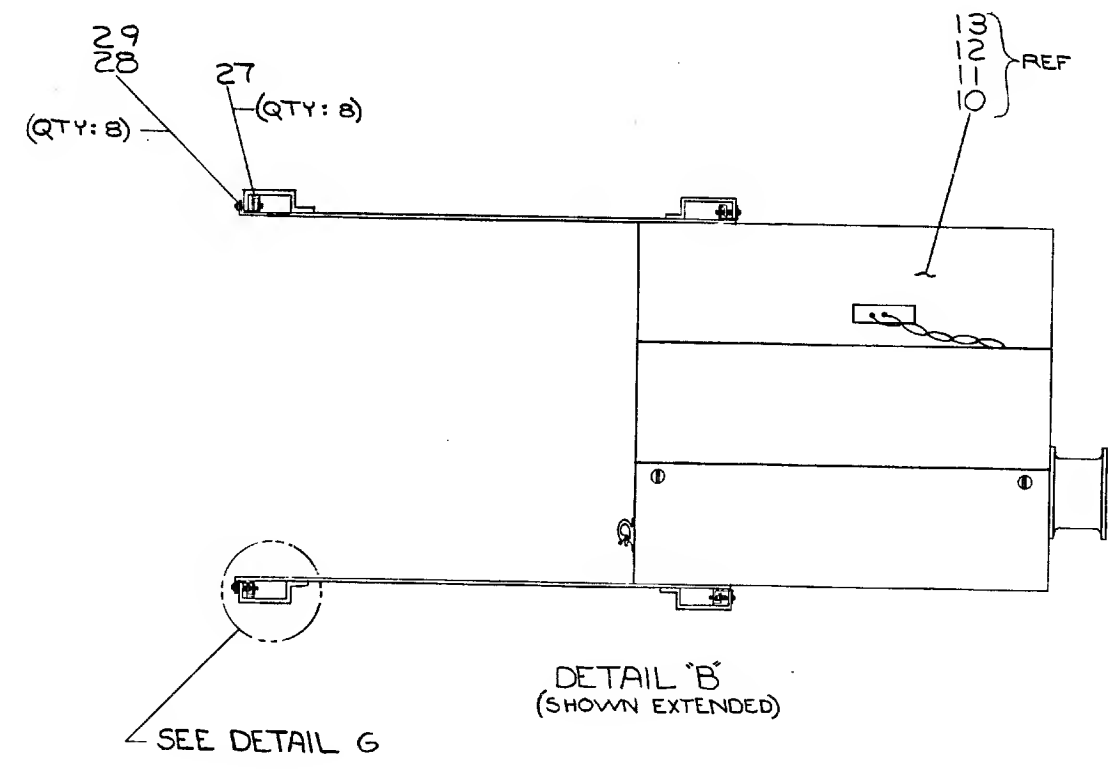
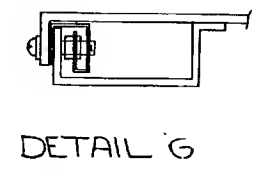
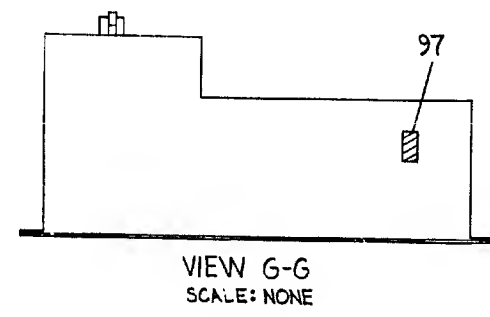
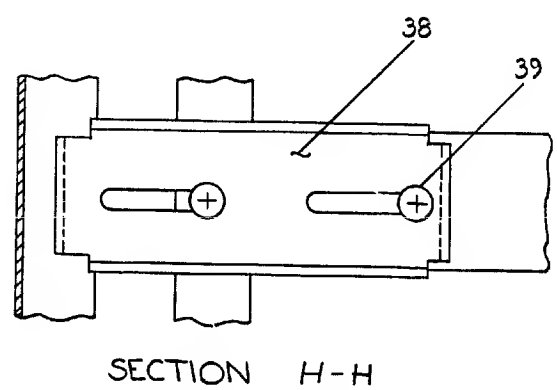
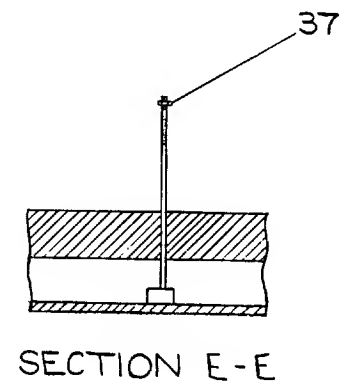
CAUTION
THIS SHEET IS FOR THE TUI6 IN THE H950 SERIES CAB

REVISIONS		
CHK	CHANGE NO	REV

TITLE	MAG TAPE DRIVE (TUI6)	SIZE CODE	DUA	NUMBER	TUI6-0-0	REV.	
SCALE	1/8" = 1"	SHEET	3	OF	7	DIST.	

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2 DUA TUI6-0-0 216WPN 3000 (32.5)



CAUTION
THIS SHEET IS FOR THE TUI6
IN THE H950 SERIES CAB

REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
MAG TAPE DRIVE (TUI6)		DUA	TUI6-0-0	PM
SCALE	SHEET	DIST.		
H	4 OF 7			

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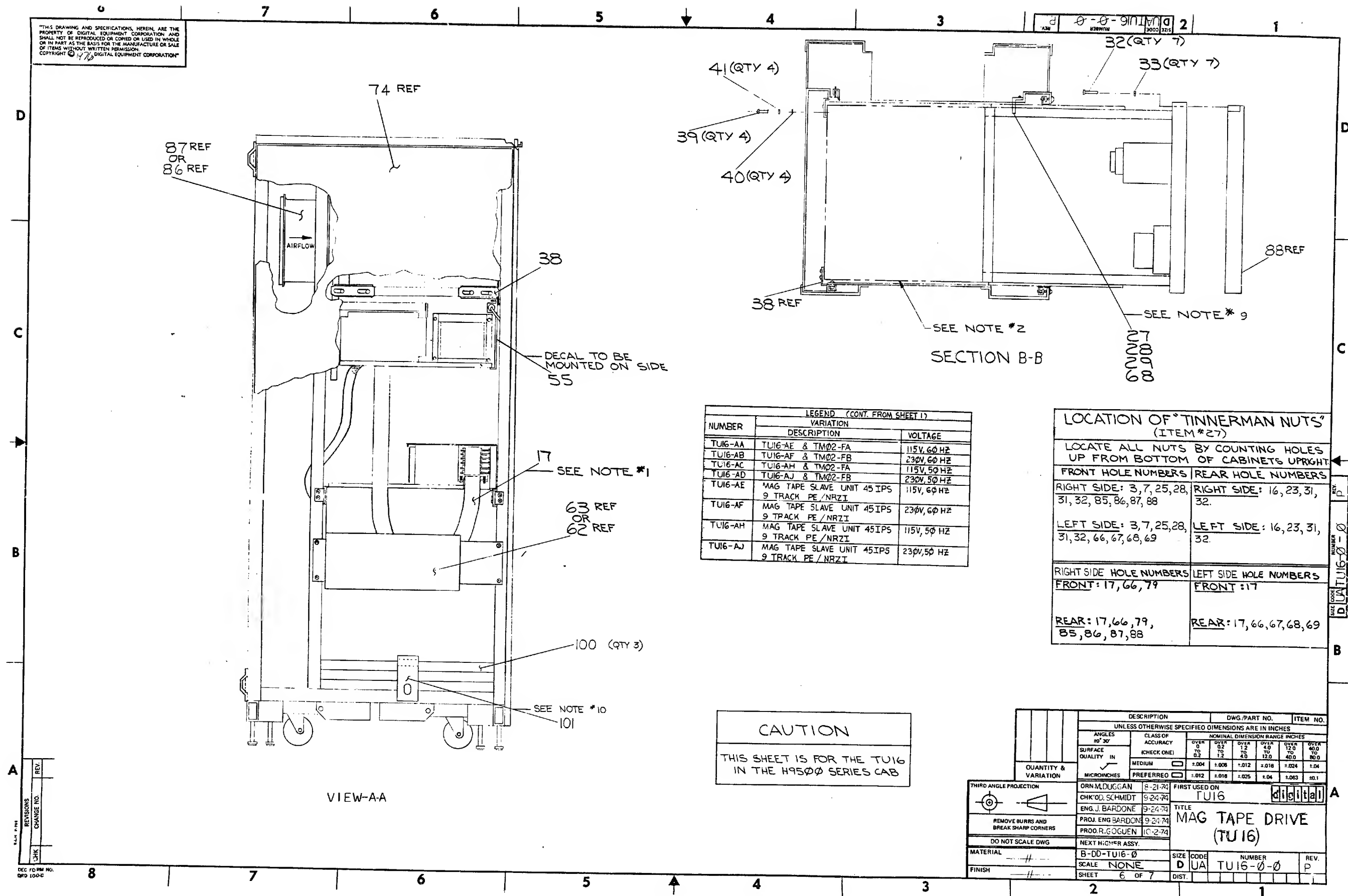
NOTES:

1. FOR INFORMATION ON CONNECTING THE "BC06R I/O CABLE"(ITEM*17) TO THE TAPE TRANSPORT ASSY (ITEMS*6,*35) REFER TO D-MU-TU16-0-MU.
2. PHANTOM LINES REPRESENT "TAPE TRANSPORT ASSY (ITEMS*6,*35) IN CLOSED POSITION TO SHOW LOCATION OF "SHIPPING BRACKETS"(ITEM *38)
3. TO CONVERT FROM 120 TO 240 VAC OPERATION, CUT MALE END FROM TU16'S POWER CORD, THEN CONNECT THE CORD TO "240 VAC MALE CONN" (ITEM*43, NOT SHOWN).
4. POWER CORD ROUTING FOR:
861 POWER CONTROL - "CABLE CLAMP"(ITEM*42 NOT SHOWN), "TINNERMAN NUT"(ITEM*27) "PHL TRUSS HD SCREW"(ITEM*28) AND "KEP NUT"(ITEM*29) TO MOUNT ON RIGHT SIDE REAR HOLE *10. ROUT CORD THRU CABLE CLAMP AND OUT THE BOTTOM OF CABINET.
TU16 - ROUTE CORD THRU "CABLE CLAMP" (ITEM*54, NOT SHOWN) SECURED WITH THE ABOVE HARDWARE, LOCATE ON THE LEFT SIDE FRONT HOLE *67, OUTSIDE OF CHASSIS SLIDE AND INTO PLUG ON 861.
5. "HEX HD SCREW"(ITEM*56) AND "KEP NUT"(ITEM*29) ARE USED AS A POSITIVE STOP TO PREVENT PULLING THE "TAPE TRANSPORT ASSY"(ITEMS*6,*35) OUT OF THE CAB AND MUST BE INSTALLED WHEN THE "TAPE TRANSPORT" IS MOUNTED TO CAB.
6. USE "BLK EXTRUDED TUBING"(ITEM*53) TO COVER "38 IN GROUND STRAP"(ITEM*46) AND USE 2 "CABLE TIES"(ITEM*52, NOT SHOWN) TO SECURE TUBING TO STRAP.
7. GROUND STRAP JUMPER FROM TM02 LOGIC BOX TO BE CONNECTED TO GROUND LUG AT BOTTOM OF BASE CAB.
8. SECURE "VACUUM MOTOR HARNESS"(ITEM*66) TO "HOSE"(ITEM*99) AND CONNECT HARNESS TO J1 ON THE POWER BOARD.
9. INSTALL "TINNERMAN NUT"(ITEM*27) INTO HOLES *76 & *77 ON THE RIGHT FRONT SIDE OF CAB AND MOUNT "STOP BRACKET"(ITEM*68) AS SHOWN.
10. REMOVE HEX HD. CAP SCREW IN FRAME ASSY. (ITEM *73) TO ASSEMBLE COUNTERWEIGHT LEAD, (ITEM *100) 1 BRKT COUNTERWEIGHT (ITEM *101) TO FRAME ASSY.

CAUTION
THIS SHEET IS FOR THE TU16
IN THE H9500 SERIES CAB

DESCRIPTION		DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES 90° 30°	CLASS OF ACCURACY	MICROINCH DIMENSION RANGE IN CH.	
SURFACE QUALITY	CHECK ONE	0.004	0.008
IN	MEDIUM	0.012	0.016
	PREFERRED	0.025	0.031
QUANTITY & VARIATION	OR N M D L C L A N	8-21-74	FIRST USED ON
	CHK'D Q. S. H. A. T	9-24-74	TU16
	ENG. H. A. D. ONE	9-24-74	
	PROJ. ENG. B. A. R. ONE	9-24-74	
	PROD. E. C. C. U. E. N	10-2-75	
	NEXT HIGHER ASSY		
DO NOT SCALE DWG	B-00-U-0-0	SIZE CODE	NUMBER
MATERIAL	SCALE NONE	D	TU16-0-0
FINISH	SHEET 5 OF 7	DIST.	REV.

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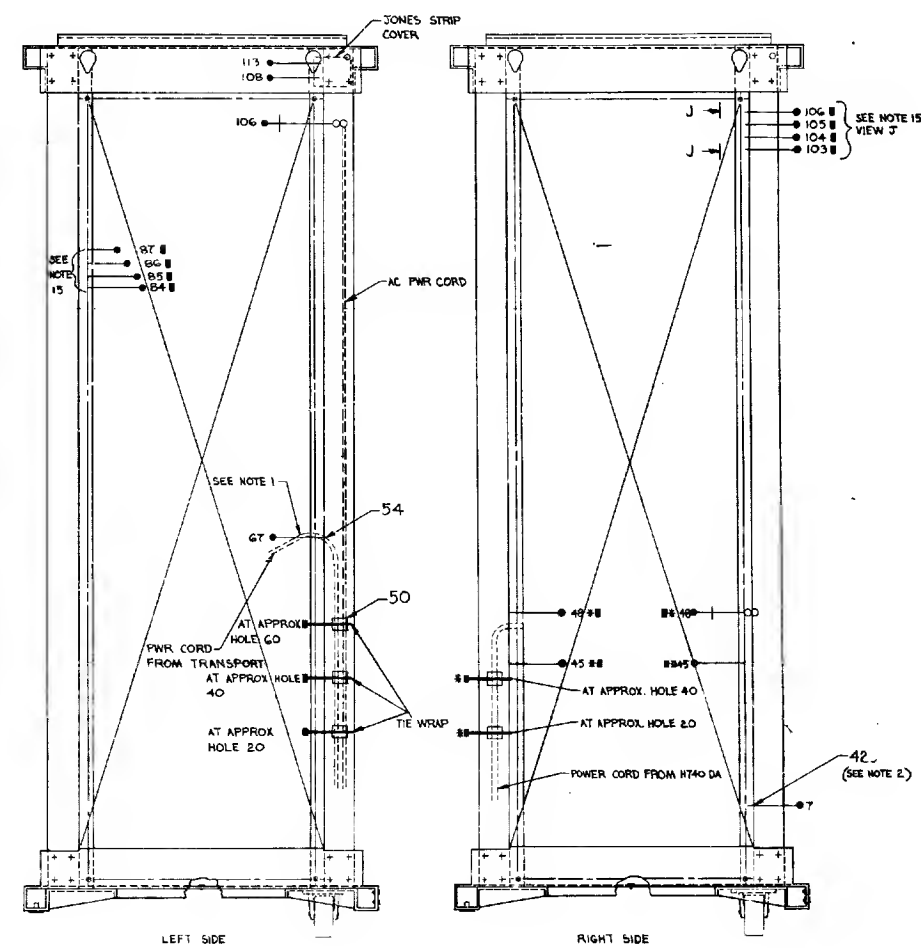
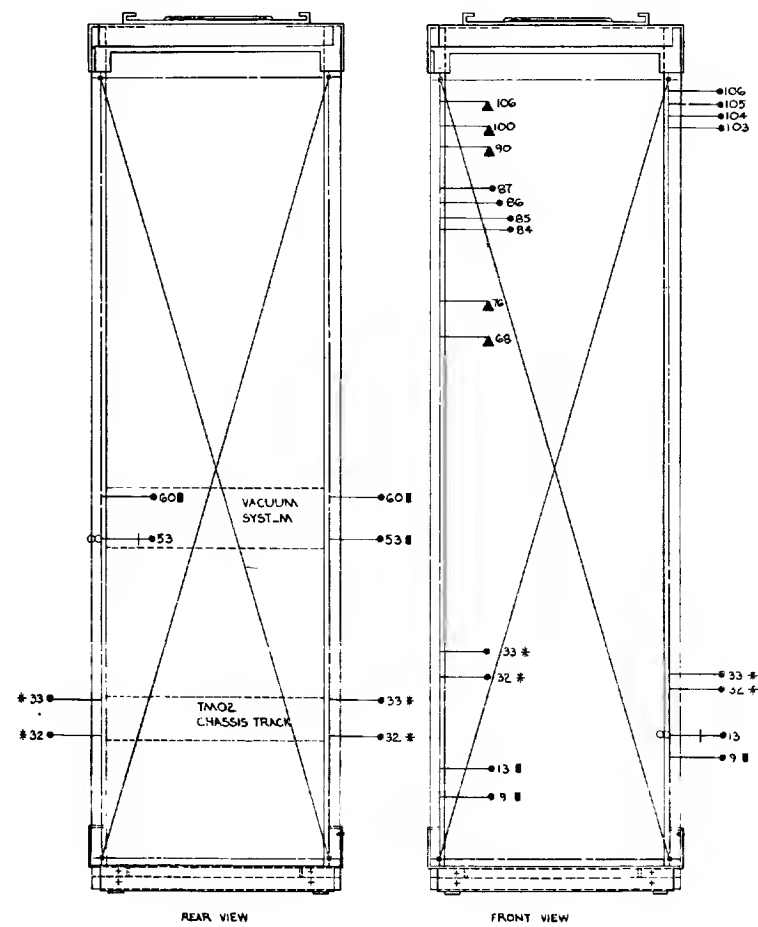
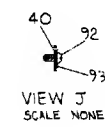
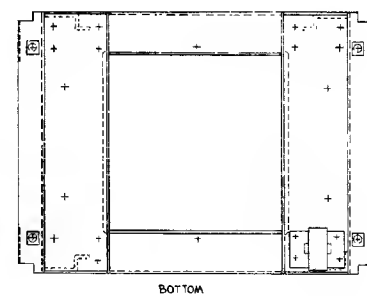
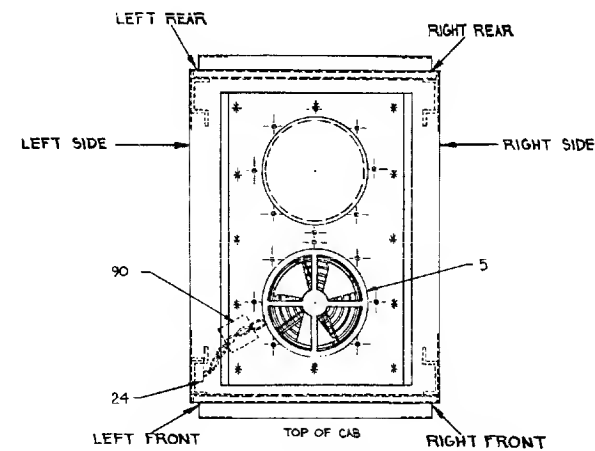


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HARDWARE AID PRINT

NOTES:

1. USE .375 CLAMP FOR POWER CORD FROM TRANSPORT 907083, USE FLAT WASHER.
 2. USE .625 CLAMP FOR B61 POWER CORD, USE FLAT WASHER.
- THIS SIGN INDICATES WHERE TINNEMAN CLIP SHOULD BE COUNTING FROM BOTTOM OF CAB
- INDICATES USE OF SCREW & KEP-NUT FOR GROUNDING PURPOSES.
- INDICATES CABLE TIE MOUNT 9078GT FOR TIE WRAP.
- * THIS SIGN INDICATES USE ONLY WHEN INSTALLING A TM02
- USE FLAT WASHER #10
- USE KEP-NUT #10-32



REVISIONS		
CHK	CHANGE NO	REV